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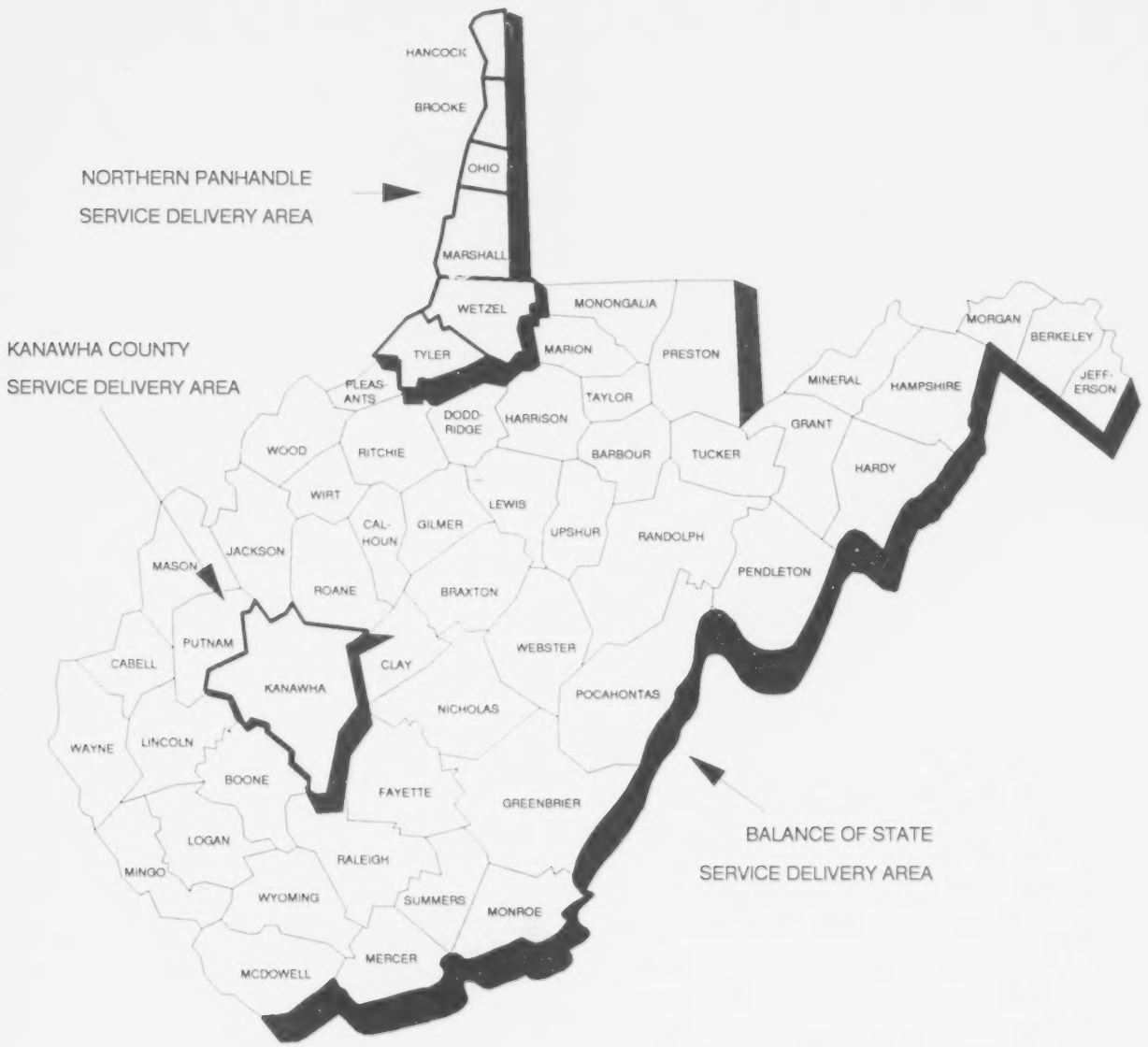
West Virginia and Service Delivery Areas Annual Planning Information for FY92



Division of Employment Security □ 112 California Avenue □ Charleston, West Virginia 25305-0112
Gaston Caperton, Governor □ Andrew N. Richardson, Commissioner □ **LER-LMI 121 December 1990**

ANNUAL PLANNING INFORMATION

STATE OF WEST VIRGINIA

BALANCE OF STATE (LESS KANAWHA COUNTY AND
NORTHERN PANHANDLE SERVICE DELIVERY AREAS)

KANAWHA COUNTY SERVICE DELIVERY AREAS

NORTHERN PANHANDLE SERVICE DELIVERY AREA

Fiscal Year 1992
Program Year 1991

LER-LMI 121

West Virginia Division of Employment Security
Affiliated with the U. S. Department of Labor
Employment and Training Administration

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PREFACE

This report is designed to provide comprehensive information relating to projected estimates of manpower statistics based upon previous labor market conditions and current indicators. Updated occupational, industrial, and labor force data are presented. In this report, emphasis is on statistical tables, with only brief narratives summarizing the highlights of the economic activity. This publication is intended for release to public officials, manpower and community planners, and any individuals who may be concerned about the economy and social welfare of West Virginia.

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ECONOMIC DEVELOPMENTS AND PROJECTED INDUSTRY OUTLOOKS

WEST VIRGINIA

Fiscal Year 1992
(July 1991--June 1992)

West Virginia is the only state contained entirely within the Appalachian Region. Its economy has been profoundly affected by its geography. The interaction between the West Virginian and his land is a common thread throughout the history of the state.

The rugged terrain and the bountiful deposits of coal, oil, salt, limestone and clay shaped the nature of the state's economic development. If one views the mountains and not the mineral supply, West Virginia would closely resemble one of the rural New England states such as Vermont or New Hampshire, yet there are wide economic differences. The fact that the terrain made it more profitable to take the fuels to the factories, rather than the reverse, determined the economic development of West Virginia. Economies based on the extraction of minerals are generally slower to evolve into "mature" economies than are more broadly based ones. The wildly gyrating "boom\bust" cycles common to all basic commodities markets have caused much economic damage to West Virginia in the past. In particular, the infrastructure, labor market and distribution systems have seldom matched the needs of the resident population. If there's a silver lining to the latest decline in coal mining employment, it's that the jobs vacuum has intensified the trend for more varied companies to take advantage of West Virginia's improved road system, modern mass communication technologies, surplus labor, etc., to help build a more stable, diversified economy than has existed in the past.

The following is a discussion of the statewide labor market picture, followed by historical and forecast data tables for the Northern Panhandle Service Delivery Area, Kanawha County Service Delivery Area, and Balance of State, as well as for West Virginia as a whole.

As each statistic that measures economic well-being for West Virginia in FY 1990 becomes available, the strength of the State's economic recovery since 1987 becomes all the more evident.

Among the best news is the decline of unemployment. Being put out of work or not able to find a job is what the everyday person experiences as the real pain of an economic slowdown. The decline of the total unemployment rate from 7.3 percent in FY 1988 to 6.4 percent in FY 1989 and on down to 6.1 percent in FY 1990 is indeed good news. The insured unemployment rate, while falling in tandem with the total unemployment rate for most of the latter 1980s, has remained static between FY 1989 and FY 1990 at 2.8 percent, however.

The size of the civilian labor force began looking up in late FY 1988 for the first time in a decade. There were an average of 704,600 state citizens either working or actively looking for work in FY 1988, 707,600 in FY 1989 and 714,400 in FY 1990, for annual increases of a half percent and one percent respectively in the last two years. This growth contrasts sharply with the earlier years of the 1980s when the size of the labor force had declined from 1980 through 1987. Discounting one-day election pollworkers, FY 1989 employment on nonagricultural payrolls averaged 8,100 more jobholders than in FY 1988, while FY 1990 saw the addition of 6,500 more wage and salary workers. Industry detail for this series can be seen in attached Table 5. Industries showing the greatest employment strengths between FY 1989 and FY 1990 include construction (+8.8%), stone, clay and glass manufacturing (+1.2%), transportation (+1.9%), retail trade (+1.4%), business and repair services (+7.3%) and federal government employment (+3.1%). Areas of employment decline include coal mining (-2.7%), machinery manufacturing (-2.3%), communications (-3.7%), and the auto dealers and service stations component of retail trade (-3.3%).

Unfortunately, however, these generally positive recent trends are not a guarantee of similar state economic growth in the near future. Likewise, West Virginia's terrible experience in the last national recession and throughout the early 1980s does not mean that a repeat performance will be initiated by the next national recession. Events in national and world economies will combine with changing structures for local economies to create the direction of economic growth in West Virginia during the early 1990s.

A significant future economic player will be demographics. Lower birthrates over the last several decades are contributing to a labor shortage in much of the nation, which is good news for West Virginia with its surplus

labor to offer the nation's employers. Demographics in another form can be seen in the major population losses during the 1980s that have improved the unemployment picture in West Virginia. On the negative side, West Virginia will likely lose one congressional seat as a result of this population decline incurred during the past decade of the eighties, reducing congressional representation to three seats in the U.S. House of Representatives. Population trends are closely associated with the size of the civilian labor force. The earliest preliminary census results show West Virginia with 1,782,958 residents in April of 1990, down 166,686 people since 1980, for a loss of 8.5 percent. The population change was mirrored by the changes in the labor force. The size of the state labor force stood at 713,500 in April 1990, down 60,100 since April 1980, for a loss of 7.8 percent.

Our expectation is that the decade-long labor force decline has about bottomed out, and that the civilian labor force (BLS series) will move from 767,200 by FY 1990 up to 786,800 in FY 1992, for a modest annual increase of around 1.3 percent. Unemployment is also expected to improve just a little more. From a FY 1990 rate of 8.0 percent, unemployment as a proportion of the civilian labor force should be in the vicinity of 7.3 percent by FY 1992. The number of unemployed is forecast at 57,400 for FY 1992, down slightly from 61,400 during FY 1990. The declines in population and labor force are a significant force behind recent years' reductions in unemployment. We expect that the slowdown and reversal of population and labor force losses will keep unemployment from falling much further, while new job growth will keep unemployment from rising noticeably either.

Another phenomenon affecting the state's economic growth is how national economic decision makers view West Virginia's culture and image. Backward cultural stereotypes have been a hindrance in the past, but a heightening national awareness of modern social ills may have set the stage for marketing West Virginia's old fashioned, simpler lifestyles and honest, hardworking people as a wellspring of economic advantages to potential employers. In particular, West Virginia has had the nation's lowest crime rate for almost two decades.

The major recent improvements in our highway system will also enhance West Virginia's attractiveness to economic developers. The completion of I-64 provides easy movement across the state east and west, and the upgrading of I-77, in combination with I-79, makes interstate quality transportation north and south accessible from much of West Virginia. When the Appalachian Corridor system is completed, improvements in transportation availability for more isolated areas of the state will improve

the state economic outlook even further. On the downside, however, it will take extensive development of water and sewage systems to realize the economic development potential of many newly opened areas.

The current economic issue on everyone's mind is the increasing risk of national recession. Overall slowdowns in the interdependent U.S. and world economies definitely have some impact on West Virginia's economy, although during the energy-driven downturn of the mid-1970s, we fared better than the nation as a whole. while during the recession of the early 1980s we did much worse than average. With an already stumbling national economy, a seemingly insoluble national budget deficit (worsened by a savings and loan fiasco of growing magnitude), the very real threat of a shooting war in the Middle East (with a certainty of enormous expense whether there is war or not), and sudden sharp rise in gasoline prices, we should not be surprised that "recession" has appeared in the media with ever increasing frequency. There have been a good many false sightings in recent years, but the evidence seems more compelling this time. Indeed, when the numbers appear they may show that the United States is already in recession; certainly some regions, especially New England, have been in trouble for some time.

West Virginia is, as usual, out of step. After several years of stagnation, employment began to expand in the last quarter of 1987. Since then we have been adding jobs steadily with payroll employment in July 1990 running approximately 27,000 ahead of July 1987. So far there are no significant downward turns in any of the important economic statistics for West Virginia. The economic assumptions in this report allow for a modest slowdown of growth or very mild contraction within the next two years, so that some economic barometers are not improving quite as rapidly as in the recent past. A prolonged national decline, with major negative repercussions in West Virginia, is not considered likely from our current vantage point. In fact, due to the strength of the state economy and labor market, the nonagricultural payroll employment count is expected to reach 635,000 by FY 1992, as new employees continue to be added at close to the current one percent rate of increase.

MINING

One of the more important influences on the state's economic future can be found in world energy market developments. Depending on the impact of the clean air act, how much world oil supplies and prices are changed by the turmoil in the Middle East, whether national energy policy begins to

favor coal over oil, and whether a national recession occurs, all are factors that could influence demand for West Virginia coal (also natural gas, oil and synthetic fuels.) The new federal clean air act just passed by Congress this Fall may increase employment a little overall in West Virginia. However, if power plants switch to lower sulfur coals from southern West Virginia or the Midwest, rather than installing new technology to allow continued use of northern West Virginia high sulfur coal, then some substantial employment dislocations could occur. The new clean air legislation includes a $250 million five-year job assistance package to help offset the damage of such a possibility, however. If the supply of oil drops substantially or the price rises to a sustained level of well over $30 per barrel, then major fuel switches from oil to coal or to coal-based substitutes could occur. This, of course, would cause a particularly strong upswing in coal production and employment. Although most American power companies already burn coal to produce electricity, many European ones still powered by oil could switch to coal. Motor vehicle fuels and chemicals also potentially could be created from coal instead of oil. The health of the recession sensitive manufacturing sector, which purchases much of the electric power generated from coal, also will influence the future of coal. A variable directly affecting both manufacturing and coal is the foreign currency exchange rate. Sudden or sharp changes in the number of dollars our foreign trading partners will pay for our coal and manufacturing exports could pull money into or out of the state economy. As of this writing, the U.S. dollar's value against European and Japanese currencies remains low, so that West Virginia coal and manufacturing exports will continue to be good bargains to overseas purchasers. Exports should continue to boost sales, and thus production and employment, in West Virginia's coal and manufacturing industries. The U. S. Energy Information Administration (EIA) expect coal production throughout the U. S. to rise from 980 million short tons in 1989 to 1.2 billion short tons in 2000 and on up to 1.6 billion short tons a year by 2010. The projected growth in the coal production rate averages 2.4 percent per year, which is lower than the 2.7 percent rate realized over the past 20 years. The growth expected will be spurred primarily by increasing coal consumption in the electric utility sector and by higher exports, according to the EIA forecast.

It should be clearly understood, however, that despite the possibility of continuing high production and sales levels, West Virginia's economic benefits from coal mining over the long term are on the decline. Coal mining has been transformed from a labor intensive to a capital intensive industry. In calendar year 1989, 151.8 million tons of coal were produced in West Virginia with coal industry employment of approximately 28,000. As recently as 1979, the coal industry needed more than twice as many employees

(59,000) to mine quite a bit less coal (112.4 million tons). There are no foreseeable events which would cause demand for coal to rise sufficiently to return coal mining employment to levels common in the 1970s. The spreading use of longwall and remote control mining during the last ten years has contributed to much, but not all, of this employment decline. Lower prices and stronger competition during the same decade forced the inefficient operators out of business and left the state with only its leanest operators, namely those who could produce the most coal with the fewest employees. While increased productivity is a boon to the overall national economy, the employment, wages, tax revenues and owner incomes formerly associated with the coal industry in West Virginia are not being more efficiently deployed into alternate jobs, wages or income for the citizens of our state, but rather are being used to fuel economic expansion elsewhere in the U.S. West Virginia's is an industrial economy built on coal and very basic manufactured goods (metals, wood, chemicals) often shipped elsewhere for further processing into finished products. We have traditionally lagged behind national economic trends, and will continue to do so until the fruits of our improved mining and manufacturing productivity are reinvested in the growth of alternate industries or otherwise recirculated within West Virginia.

In the short term, world energy developments should either push the state ahead or have offsetting results that provide no overall economic contribution or damage. Our expectation is that total mining employment will cease the steady losses of recent years, and increase slightly from 34,000 in FY 1990 to 36,200 during FY 1992.

CONSTRUCTION

In the construction trades, moderate growth averaging approximately three percent a year is expected between FY 1990 and FY 1992. Employment in this volatile industry has moved from 24,600 in FY 1988 down to 21,700 in FY 1989 and back up to 23,600 in FY 1990, with the FY 1992 employment forecast to be 25,000. That's more than have been employed in any year since 1981, but below the average for the decade of the 1970s. Construction activity will be boosted by a variety of commercial and highway construction projects, while losses in population and the associated abundance of existing homes for sale will keep down demand for residential construction. Home building decisions are also based on movements of mortgage interest rates, which are expected to be high enough through the forecast period to discourage any boom in this area. One exception is that residential developers are expected to be a source of construction job growth in the Martinsburg/Eastern Panhandle area. Over the next several years, the West

Virginia Division of Highways will be awarding a number of heavy construction contracts to complete West Virginia's portion of the Appalachian Regional Corridor highway system. Construction will progress in small stages to upgrade Corridor L linking Beckley and I-77 (West Virginia Turnpike) with I-79 near Sutton (Braxton County). The work will focus on upgrading two lane sections to four lanes, and the cost will be covered by Turnpike Commission refunds of federal monies used earlier to upgrade the turnpike . More contingent upon the receipt of Appalachian Regional Commission funds are proposals to finish Corridor G linking Charleston and Williamson, the rest of Corridor D in the Parkersburg area, and Corridor H linking Weston, Elkins and Harrisonburg, Virginia. Contracts have already been signed to begin work on Corridor G near Williamson, and construction activity on Corridor H in the near future is expected between Buckhannon in Upshur County and Elkins in Randolph County. Also under consideration is a proposal for a new Appalachian Corridor highway linking U.S. Route 35 at Point Pleasant in Mason County with I-64, possibly at Milton in Cabell County. People living in the rural coalfields of southwestern West Virginia are pushing for a four-lane highway that would link Huntington in Cabell County with Bluefield in Mercer County, possibly using old U. S. Route 52 as a route. Constructing a Weirton by-pass is another possibility under consideration by the Division of Highways. Some upcoming non-road construction projects in the state include: a $25 million 190-bed psychiatric hospital to be built over the next 18 months in Weston; lock and dam improvements at Gallipolis Ferry in Mason County that are currently employing a large number of workers and will be ongoing through the forecast period; power plants in or near construction around Grafton, Morgantown and Clarksburg; hundreds of miles of new natural gas pipelines to be laid in a number of counties; housing for the new FBI complex as well as numerous other construction projects (an aerospace center, Life Sciences park, aircraft parts manufacturing, national chain hotel, etc.) in the Clarksburg area; new penitentiary/jail facilities to be constructed near Moundsville, Fayetteville, Beckley, Spencer and possibly in the Glenville, and Hillsboro areas; major steel mill modernization should add to northern panhandle construction activity; a 314-acre industrial park in Jefferson County and a variety of new retail outlets being built throughout the state.

MANUFACTURING INDUSTRIES

West Virginia manufacturing employment overall in FY 1992 is expected to be 87,800, little changed from current levels of 87,700. Employment may well have fluctuated between now and then, however.

In the primary and fabricated metals sectors, a steel mill recently built a $16 million waste water treatment plant and spent $70 million in a continuous caster reconstruction as part of the first leg of an ambitious, five-year modernization program. Another steel manufacturer, while still not dislodged from years of Chapter 11 bankruptcy proceedings, is making progress through the recent signing of a new labor contract and in steadily increasing employment levels over the past several years. In addition to primary and fabricated steel, West Virginia has large scale manufacturers of aluminum, tin and nickel, as well as manufacturers of nonferrous alloys used by the steel industry. The companies in this industry traditionally have been among the first and hardest hit during economic downturns. When consumers find they have fewer discretionary dollars to spend because, for example, higher gasoline prices might require spending more money to get back and forth to work, or perhaps their own employment hours or rates of pay have been cut back, then purchases of big ticket discretionary items like new cars and appliances are put off. Fewer sales of vehicles, appliances, and similar heavy durable goods then slows orders for primary and fabricated metals, which go into building such goods. Some West Virginia metal manufacturers have better positioned themselves for bad times then their counterparts throughout the U.S., through such risk reduction strategies as diversifying into smaller and more recession-proof products like tin cans for food, or by gearing up to make products that may be needed by the military even if domestic demand declines. One large plant is employee owned, which guarantees that it won't close its doors or lay off employees without the severest provocation. The primary and fabricated metals industry is expected to have employment of 20,400 in FY 1992, the same as in FY 1990.

Most major companies in the state's substantial chemical industry have increased or maintained employment levels between FY 89 and FY 90. Different growth patterns can occur in the same company, as in one company's plans to cut back its Kanawha County workforce while expanding its Parkersburg area operations over the next several years. The recent price hikes in oil may hit the state's chemical industry very hard, because oil is the raw material from which most chemicals are manufactured. As of this writing (Autumn 1990), chemical manufacturing has started falling in the first half of FY 91. Since our employment forecasts are based on an assumption of only a short growth slowdown or mild recession, however, chemical industry employment in FY 92 is expected to have returned to 18,000, the same level as in FY 90.

The stone, clay and glass group, after decades of losing employment, appears to have stabilized for the time being. This segment of

manufacturing is expected to have 8,200 employees in FY 92, the same as in FY 90. A multi-million dollar hardwood flooring plant in Randolph County officially started operations June 11, 1990 with a modest number of new employees for the first production line. It is anticipated that the second line will start in the late 1990, with an additional one or two lines to be added between January and June 1991. The facilities of a similar wood-products company that closed soon after opening in 1989 as a result of financial difficulties have recently been leased for a new furniture manufacturing operation. Poultry processors dominate the state's list of leading food manufacturers. A substantial increase in employment has been occurring in this area due in large part to increased demand for chicken from the fast-food industry.

Five state apparel manufacturers have had recent reorganizations, closures and/or employee transfers, and have a cloudy outlook for the upcoming months. On the plus side of the apparel industry, recent expansions have occurred at four other facilities, all located in southern West Virginia. A cooperative has purchased the vacant Kinney Shoe Plant near Kingwood, and plans to hire 150 workers this year, and 450 eventually, manufacturing men's accessories.

SERVICE-PRODUCING INDUSTRIES

The real action in West Virginia's labor market is occurring among the service-producing industries. One of the largest department store chains in the nation, has opened stores recently in Beckley, Oak Hill and Ripley, and others are under construction in Summersville, Clarksburg and Elkins. A grocery store chain is beginning to move into West Virginia, with a first store in Greenbrier County and additional outlets being considered for other southern West Virginia areas. Another national chain is expanding in southern West Virginia, with one store in Bluefield and another just opening in Williamson. Plans for entire shopping malls keep springing up throughout the state, too. A $50 million shopping mall just opened near Morgantown in September. On the downside, a company with locations in the Kanawha Valley and Fairmont areas, recently filed for Chapter 11 bankruptcy protection. The translation of Hecks into L A Joe's stores statewide involved slight restructuring in employment. For example, workers were laid off at Heck's former headquarters in Nitro, in Putnam County. The weakest sector of retail trade is the auto dealers and service stations category, where employment slid from 15,000 in FY 89 to 14,500 in FY 90.

Retail trade overall is expected to grow to 117,200 by FY 1992, up from 115,400 in FY 1990. Wholesale trade should move from 30,300 in FY 90 to 30,800 in FY 92.

Transportation and Public Utilities employment has been static for several years, although the components have fluctuated. FY 92 employment is forecast to be 36,700, up slightly from FY 90 employment of 36,500. The generally improving economy is expected to allow slight growth in the transportation sector, while increases in productivity will keep communications employment flat. The construction of several new electric power plants and addition of hydroelectric generating capacity to the Gallipolis Lock and Dam project, plus possible expansions in the natural gas sector, should spur a slight employment addition of 100 in the electric, gas and sanitary services sector by FY 1992.

The finance, insurance and real estate sector will experience only modest gains during the projection period, from 24,200 in FY 90 to 24,500 in FY 92. The increase in FIRE will come from continuing bank mergers, acquisitions and branch banking. Negative forces are also working on these industries--mainly the population outmigration of young working-age persons and families. These are precisely the persons who would be buying houses, new insurance policies, and large mortgage loans. However, future outmigration of young persons may not be as severe. The big push in population migration comes from economic opportunity. If West Virginia continues in this present job development phase, outmigration should diminish.

The services sector in West Virginia, following national trends, is one of the fastest growing segments of the economy. In 1950, services made up only 8.5 percent of the state's economy. As late as 1970, it was only 12.8 percent. But during the 1970s and throughout the 1980s, services began to accelerate to the point that for the projection period, it is expected to make up well over 20 percent of the state's economy.

Tourism is expected to continue expanding. Samples of West Virginia's tourism businesses are its ski resorts, companies with organized rafting, hunting, fishing, or hiking expeditions, renovated historical attractions, luxury resorts, etc. Some have a history of more customers than capital. One example is a financially troubled resort purchased recently by a company in Japan for a reported $20 million. The company specializes in the development of leisure and recreational facilities such as golf courses and other resorts in Japan. The new owners say they will be studying opportunities to expand and develop their West Virginia resort,

and eventually plan to keep it open year-round. The completion of Corridor H linking eastern West Virginia to the east coast through northern Virginia is considered essential to the future of the ski industry, whitewater rafting, and other tourism based economic development.

Business and repair services employment has been skyrocketing, up 7.3 percent between FY 89 and FY 90 alone. FY 92 employment is projected to reach 22,500. The trend among goods-producing companies to contract with separate business services companies for security guards, janitors, computer specialists, temporary clerical help during rush periods, etc. is responsible for some of this increase. Sometimes even the mining of coal has become a service provided by some business services companies on a contract basis. The growth of the computer industry, much of which falls into this category, is another factor. Software Valley is a large scale project in the Morgantown area designed to coordinate a variety of government, academic, business and community forces from throughout the state to promote the development of computer services as a major state industry. It is both a concept and an organization that its promoters hope will allow West Virginia to share some of the strong national demand for computer-related business services, particularly from the federal government and the military. Computer services are a particularly desirable slice of the business services field. Wages and benefits are good; jobs are full-time; there are bright prospects for out-of-state export, which energizes the State economy through bringing in outside dollars; and computer technology has been an area of extremely strong growth nationwide.

Health services is another strong growth industry. Because it is by nature so reliant on services provided by people, because widely available health care is considered by most Americans to be a right rather than a luxury, and because modern science keeps inventing new ways the health industry can help individuals, the prognosis for continued strong employment is excellent. Doctors' and dentists' offices, hospitals, nursing homes and related health services business employed 53,700 people in FY 90, up from 51,600 in FY 89. Employment for FY 92 is expected to be 56,100.

Government is the only sector of nonagricultural wage and salary employment projected to decline over the projection period. Government employment in the future is expected to increase at the federal level, as the FBI facility gets going in Clarksburg and the number of federal jobs in other areas of the state increase slightly. State and local government is expected

to decline, however, as a result of state government policy and increasing government efficiency.

Table 1

WEST VIRGINIA
POPULATION CHARACTERISTICS BY AGE, RACE, AND SEX
1980 CENSUS AND PROJECTED FISCAL YEAR 1992*

Age	Total*		Fiscal Year 1992			
			White		Nonwhite	
	Census Data** 1980	Fiscal Year 1992	Male	Female	Male	Female
Total	1,949,644	1,779,999	825,326	884,815	32,808	37,050
0-4	145,583	120,778	58,631	55,882	3,155	3,110
5-9	152,802	132,438	65,200	61,496	3,011	2,731
10-14	157,489	141,326	69,122	66,094	3,210	2,900
15	34,665	26,920	13,248	12,494	678	500
16-17	69,097	54,371	26,884	25,239	1,297	951
18-19	70,442	58,796	28,968	27,404	1,371	1,053
20-24	172,688	130,330	62,052	62,716	2,724	2,838
25-29	160,954	138,897	65,098	68,175	2,665	2,959
30-34	144,649	131,926	62,442	63,989	2,557	2,938
35-39	109,878	136,052	65,969	65,474	2,107	2,502
40-44	97,541	103,317	49,821	49,954	1,679	1,863
45-49	93,307	90,721	42,933	45,051	1,308	1,429
50-54	104,805	83,536	38,171	43,043	923	1,399
55-59	105,219	93,696	42,223	48,319	1,182	1,972
60-64	92,657	92,080	40,630	48,350	1,270	1,830
65-69	82,953	78,512	33,078	42,821	1,069	1,544
70-74	64,345	67,500	26,857	38,016	996	1,631
75 & Over	90,570	98,803	33,999	60,298	1,606	2,900

Note: May not add to totals due to rounding.
*Calendar year 1980 total is U. S. Census data. Fiscal year 1992 total is estimate of civilian population based on preliminary 1990 Census data.
**Source: General Population Characteristics, West Virginia.

Table 1-A

WEST VIRGINIA, LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
POPULATION CHARACTERISTICS BY AGE, RACE, AND SEX
1980 CENSUS AND PROJECTED FISCAL YEAR 1992*

Age	Total*		Fiscal Year 1992			
			White		Nonwhite	
	Census Data** 1980	Fiscal Year 1992	Male	Female	Male	Female
Total	1,510,504	1,305,035	606,406	651,013	21,926	25,690
0-4	115,125	97,696	47,627	45,482	2,323	2,264
5-9	121,080	107,696	53,065	50,433	2,173	2,025
10-14	124,734	115,360	56,544	54,201	2,449	2,166
15	27,372	21,805	10,792	10,128	532	353
16-17	53,840	44,194	22,046	20,512	992	644
18-19	55,459	47,405	23,467	22,176	1,057	705
20-24	134,618	104,804	49,909	50,705	2,086	2,104
25-29	123,387	108,619	51,907	52,663	1,952	2,097
30-34	112,077	100,148	48,360	47,980	1,782	2,026
35-39	85,371	104,750	51,891	49,694	1,391	1,774
40-44	74,874	77,102	37,245	37,464	1,101	1,292
45-49	70,780	70,525	33,884	34,929	777	935
50-54	78,520	64,658	29,519	33,309	698	1,132
55-59	79,317	72,857	32,919	37,588	844	1,506
60-64	70,197	70,475	30,960	37,081	1,007	1,427
65-69	63,696	59,534	24,911	32,721	809	1,093
70-74	49,832	52,278	20,528	29,714	742	1,294
75 & Over	70,225	76,726	26,344	46,922	1,259	2,201

Note: May not add to totals due to rounding.
*Calendar year 1980 total is U. S. Census data. Fiscal year 1992 total is estimate of civilian population based on preliminary 1990 Census data.
**Source: General Population Characteristics, West Virginia

Table 1-B

KANAWHA COUNTY SERVICE DELIVERY AREA
POPULATION CHARACTERISTICS BY AGE, RACE, AND SEX
1980 CENSUS AND PROJECTED FISCAL YEAR 1992*

Age	Total*		Fiscal Year 1992			
			White		Nonwhite	
	Census Data** 1980	Fiscal Year 1992	Male	Female	Male	Female
Total	231,414	205,040	89,802	101,415	6,394	7,429
0-4	16,467	13,258	6,078	5,837	674	669
5-9	16,150	13,910	6,634	6,099	651	526
10-14	16,356	14,021	6,588	6,345	569	519
15	3,741	2,710	1,226	1,260	107	117
16-17	8,000	5,235	2,369	2,434	206	226
18-19	7,393	5,707	2,583	2,654	225	245
20-24	19,901	13,690	6,366	6,289	513	522
25-29	20,725	16,724	7,220	8,293	509	702
30-34	17,763	17,719	7,943	8,545	550	681
35-39	13,287	16,552	7,620	7,943	465	524
40-44	12,034	12,213	5,599	5,890	348	376
45-49	12,148	10,425	4,506	5,184	376	359
50-54	14,072	10,429	4,536	5,623	133	137
55-59	13,922	11,989	5,123	6,253	239	374
60-64	11,862	11,592	5,009	6,096	201	286
65-69	9,971	9,814	3,952	5,333	186	343
70-74	7,487	7,963	3,093	4,413	203	254
75 & Over	10,135	11,089	3,357	6,924	239	569

Note: May not add to totals due to rounding.
*Calendar year 1980 total is U. S. Census data. Fiscal year 1992 total is estimate of civilian population based on preliminary 1990 Census data.
**Source: General Population Characteristics, West Virginia

Table 1-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA
POPULATION CHARACTERISTICS BY AGE, RACE, AND SEX
1980 CENSUS AND PROJECTED FISCAL YEAR 1992*

Age	Total*		Fiscal Year 1992			
			White		Nonwhite	
	Census Data** 1980	Fiscal Year 1992	Male	Female	Male	Female
Total	207,726	178,327	83,606	89,698	2,440	2,583
0-4	13,991	9,824	4,926	4,563	158	177
5-9	15,572	10,832	5,501	4,964	187	180
10-14	16,399	11,945	5,990	5,548	192	215
15	3,552	2,405	1,230	1,106	39	30
16-17	7,257	4,942	2,469	2,293	99	81
18-19	7,590	5,684	2,918	2,574	89	103
20-24	18,169	11,836	5,777	5,722	125	212
25-29	16,842	13,554	5,971	7,219	204	160
30-34	14,809	14,059	6,139	7,464	225	231
35-39	11,220	14,750	6,458	7,837	251	204
40-44	10,633	14,002	6,977	6,600	230	195
45-49	10,379	9,771	4,543	4,938	155	135
50-54	12,213	8,449	4,116	4,111	92	130
55-59	11,980	8,850	4,181	4,478	99	92
60-64	10,598	10,013	4,661	5,173	62	117
65-69	9,286	9,164	4,215	4,767	74	108
70-74	7,026	7,259	3,236	3,889	51	83
75 & Over	10,210	10,988	4,298	6,452	108	130

Note: May not add to totals due to rounding.
*Calendar year 1980 total is U. S. Census data. Fiscal year 1992 total is estimate of civilian population based on preliminary 1990 Census data.
**Source: General Population Characteristics, West Virginia

Table 2

WEST VIRGINIA COMPOSITION OF THE LABOR FORCE
CENSUS DATA 1980 AND PROJECTED FISCAL YEAR 1992*

Age and Race	Total				Male				Female			
	Labor Force**		Participation Rate		Labor Force**		Participation Rate		Labor Force**		Participation Rate	
	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992
Total	753.1	786.8	51.6	57.9	473.7	447.1	68.3	69.7	279.4	339.7	36.5	47.4
16-17	15.5	13.7	22.3	25.2	9.2	7.8	25.8	27.7	6.3	5.9	18.6	22.5
18-19	34.5	29.4	49.4	50.0	19.5	16.7	55.8	55.0	15.0	12.7	43.0	44.6
20-24	113.1	90.3	65.5	69.3	67.5	51.3	79.3	79.2	45.6	39.0	52.0	59.5
25-34	214.4	226.9	70.2	83.8	139.9	128.3	91.8	96.6	74.5	98.6	48.6	71.4
35-44	144.8	203.1	69.7	84.8	93.2	115.7	90.7	96.8	51.5	87.4	49.1	73.0
45-64	210.2	207.6	53.1	57.7	132.0	118.3	71.4	70.1	78.2	89.3	37.0	46.7
65 & Over	20.6	15.8	8.6	6.5	12.3	9.0	12.6	9.2	8.3	6.8	5.9	4.6
White, Total	727.9	759.4	51.8	58.1	460.2	432.1	68.8	69.8	267.7	327.3	36.4	47.5
16-17	15.1	13.1	22.7	25.1	9.0	7.6	26.4	28.3	6.1	5.5	18.7	21.8
18-19	33.4	28.1	50.3	49.8	19.0	15.9	57.3	54.9	14.5	12.2	43.3	44.5
20-24	108.9	87.0	66.0	69.7	65.4	49.6	80.3	79.9	43.5	37.4	52.0	59.6
25-34	206.7	218.9	70.2	84.3	135.6	123.8	92.2	97.1	71.0	95.1	48.3	72.0
35-44	140.3	197.1	69.7	85.2	90.6	112.5	90.8	97.2	49.6	84.6	48.9	73.3
45-64	203.8	200.5	53.2	57.5	128.7	114.3	71.6	69.7	75.0	86.2	36.9	46.7
65 & Over	19.8	14.7	8.7	6.3	11.8	8.4	12.6	8.9	7.9	6.3	5.9	4.5
Nonwhite, Total	25.2	27.4	45.7	54.2	13.5	15.0	54.5	65.9	11.7	12.4	38.6	44.6
16-17	0.5	0.6	15.1	26.7	0.2	0.2	13.7	15.4	0.3	0.4	16.4	42.1
18-19	1.1	1.3	31.8	53.6	0.5	0.8	29.2	58.4	0.6	0.5	35.0	47.5
20-24	4.2	3.3	54.7	59.3	2.1	1.7	57.2	62.4	2.1	1.6	52.5	56.4
25-34	7.7	8.0	68.6	71.9	4.3	4.5	80.9	86.2	3.4	3.5	57.6	59.4
35-44	4.5	6.0	70.8	73.6	2.6	3.2	86.2	84.5	1.9	2.8	56.7	64.1
45-64	6.4	7.1	49.5	62.8	3.3	4.0	62.6	85.4	3.1	3.1	40.6	46.8
65 & Over	0.8	1.1	7.9	11.3	0.5	0.6	11.2	16.3	0.3	0.5	5.6	8.2

Note: May not add to totals due to rounding.
*Projected BLS Series for FY 1992.
**In Thousands

Table 2-A

WEST VIRGINIA, LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
COMPOSITION OF THE LABOR FORCE
CENSUS DATA 1980 AND PROJECTED FISCAL YEAR 1992*

	Total				Male				Female			
	Labor Force**		Participation Rate		Labor Force**		Participation Rate		Labor Force**		Participation Rate	
Age and Race	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992
Total	563.0	600.9	50.2	62.4	358.0	342.9	66.8	75.7	205.0	258.0	35.0	50.6
16-19	37.7	33.8	34.5	36.9	22.1	19.3	39.6	40.6	15.7	14.6	29.2	33.2
20-24	85.7	68.9	63.7	65.7	52.0	39.3	78.2	75.6	33.7	29.6	49.5	56.1
25-34	162.4	174.9	69.0	83.8	107.1	99.9	91.3	96.1	55.3	75.0	46.8	71.6
35-44	110.1	158.1	68.7	86.9	71.6	90.2	89.8	98.4	38.5	67.9	47.8	75.3
45-64	152.0	155.0	50.8	55.7	96.1	88.4	68.6	67.7	56.0	66.6	35.2	45.0
65 & Over	15.1	10.1	8.2	5.4	9.1	5.8	11.9	7.8	6.0	4.4	5.5	3.9

Note: May not add to totals due to rounding.
*Projected BLS Series for FY 1992.
**In thousands.

Table 2-B

KANAWHA COUNTY SERVICE DELIVERY AREA
COMPOSITION OF THE LABOR FORCE
CENSUS DATA 1980 AND PROJECTED FISCAL YEAR 1992*

Age and Race	Total				Male				Female			
	Labor Force**		Participation Rate		Labor Force**		Participation Rate		Labor Force**		Participation Rate	
	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992
Total	104.2	102.5	58.3	63.6	61.5	57.6	74.0	78.2	42.7	44.9	44.6	51.3
16-19	6.5	4.7	42.8	42.8	3.5	2.6	45.4	49.2	3.1	2.0	40.2	36.6
20-24	15.0	11.5	74.7	84.0	8.1	6.4	85.1	93.2	6.9	5.1	65.3	74.7
25-34	29.3	29.1	76.1	84.6	17.9	16.0	93.8	98.6	11.4	13.1	58.7	72.0
35-44	19.1	24.2	75.2	84.1	11.6	13.7	94.0	97.6	7.5	10.5	57.4	71.1
45-64	31.3	29.8	60.4	67.1	18.8	17.0	79.1	84.5	12.6	12.8	44.6	52.7
65 & Over	3.0	3.2	10.7	10.9	1.7	1.8	15.5	16.6	1.3	1.3	7.6	7.4

Note: May not add to totals due to rounding.
*Projected BLS Series for FY 1992.
**In thousands.

Table 2-3

NORTHERN PANHANDLE SERVICE DELIVERY AREA
COMPOSITION OF THE LABOR FORCE
CENSUS DATA 1980 AND PROJECTED FISCAL YEAR 1992*

Age and Race	Total				Male				Female			
	Labor Force**		Participation Rate		Labor Force**		Participation Rate		Labor Force**		Participation Rate	
	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992	CD1980	FY1992
Total	85.9	83.4	54.2	58.2	54.2	46.6	72.5	68.8	31.7	36.8	37.9	48.7
16-19	5.8	4.6	38.8	43.2	3.2	2.6	21.4	46.6	2.6	2.0	17.3	39.5
20-24	12.4	9.9	68.4	83.5	7.3	5.6	81.8	94.8	5.1	4.3	55.4	72.4
25-34	22.7	22.9	71.8	82.8	14.9	12.4	93.7	98.8	7.8	10.5	49.6	59.6
35-44	15.6	20.8	71.1	72.3	10.0	11.8	93.7	84.7	5.5	9.0	49.5	60.6
45-64	26.8	22.8	59.4	61.4	17.2	12.9	81.0	71.9	9.6	9.9	40.3	51.6
65 & Over	2.6	2.5	9.6	9.1	1.5	1.4	14.2	11.7	1.0	1.1	6.6	7.1

Note: May not add to totals due to rounding.
*Projected BLS Series for FY 1992.
**In thousands.

Table 3

WEST VIRGINIA
POPULATION BY RACE, BY COUNTY
CENSUS: 1970 AND 1980

County	TOTAL		WHITE				NONWHITE			
			1970		1980		1970		1980	
	1970	1980	Total	Percent	Total	Percent	Total	Percent	Total	Percent
West Virginia	1,744,237	1,949,644	1,673,481	95.9	1,874,751	96.2	70,756	4.1	74,893	3.8
Barbour	14,030	16,639	13,846	98.7	16,416	98.7	184	1.3	223	1.3
Berkeley	36,356	46,775	34,933	96.1	44,764	95.7	1,423	3.9	2,011	4.3
Boone	25,118	30,447	24,801	98.7	30,064	98.7	317	1.3	383	1.3
Braxton	12,666	13,894	12,565	99.2	13,795	99.3	101	0.8	99	0.7
Brooke	30,443	31,117	30,139	99.0	30,792	99.0	304	1.0	325	1.0
Cabell	106,918	106,835	102,245	95.6	101,627	95.1	4,673	4.4	5,208	4.9
Calhoun	7,046	8,250	7,038	99.9	8,187	99.2	8	0.1	63	0.8
Clay	9,330	11,265	9,322	99.9	11,246	99.8	8	0.1	19	0.2
Doddridge	6,389	7,433	6,373	99.7	7,406	99.6	16	0.3	27	0.4
Fayette	49,332	57,863	43,987	89.2	53,276	92.1	5,345	10.8	4,587	7.9
Gilmer	7,782	8,334	7,759	99.7	8,256	99.1	23	0.3	78	0.9
Grant	8,607	10,210	8,461	98.3	10,059	98.5	146	1.7	151	1.5
Greenbrier	32,090	37,665	30,417	94.8	35,992	95.6	1,673	5.2	1,673	4.4
Hampshire	11,710	14,867	11,602	99.1	14,714	99.0	108	0.9	153	1.0
Hancock	39,749	40,418	38,363	96.5	39,183	96.9	1,386	3.5	1,235	3.1
Hardy	8,855	10,030	8,625	97.4	9,816	97.9	230	2.6	214	2.1
Harrison	73,028	77,710	71,855	98.4	76,384	98.3	1,173	1.6	1,326	1.7
Jackson	20,903	25,794	20,886	99.9	25,711	99.7	17	0.1	83	0.3
Jefferson	21,280	30,302	18,510	87.0	27,389	90.4	2,770	13.0	2,913	9.6
Kanawha	229,515	231,414	215,908	94.1	215,953	93.3	13,607	5.9	15,461	6.7
Lewis	17,847	18,813	17,720	99.3	18,672	99.3	127	0.7	141	0.7
Lincoln	18,912	23,675	18,896	99.9	23,632	99.8	16	0.1	43	0.2
Logan	46,269	50,679	43,396	93.8	48,290	95.3	2,873	6.2	2,389	4.7
McDowell	50,666	49,899	41,504	81.9	42,401	85.0	9,162	18.1	7,498	15.0
Marion	61,356	65,789	58,953	96.1	63,186	96.0	2,403	3.9	2,603	4.0
Marshall	37,598	41,608	37,306	99.2	41,198	99.0	292	0.8	410	1.0
Mason	24,306	27,045	23,997	98.7	26,799	99.1	309	1.3	246	0.9
Mercer	63,206	73,942	57,815	91.5	68,483	92.6	5,391	8.5	5,459	7.4
Mineral	23,109	27,234	22,404	96.9	26,334	96.7	705	3.1	900	3.3
Mingo	32,780	37,336	31,386	95.7	36,162	96.9	1,394	4.3	1,174	3.1
Monongalia	63,714	75,024	62,277	97.7	72,270	96.3	1,437	2.3	2,754	3.7
Monroe	11,272	12,873	10,737	95.3	12,611	98.0	535	4.7	262	2.0
Morgan	8,547	10,711	8,425	98.6	10,583	98.8	122	1.4	128	1.2
Nicholas	22,552	28,126	22,513	99.8	28,051	99.7	39	0.2	75	0.3
Ohio	63,439	61,389	61,282	96.6	58,876	95.9	2,157	3.4	2,513	4.1
Pendleton	7,031	7,910	6,879	97.8	7,713	97.5	152	2.2	197	2.5
Pleasants	7,274	8,236	7,234	99.5	8,207	99.6	40	0.5	29	0.4
Pocahontas	8,870	9,919	8,729	98.4	9,814	98.9	141	1.6	105	1.1
Preston	25,455	30,460	25,342	99.6	30,322	99.5	113	0.4	138	0.5
Putnam	27,625	38,181	27,597	99.9	38,012	99.6	28	0.1	169	0.4
Raleigh	70,080	86,821	62,963	89.8	79,408	91.5	7,117	10.2	7,413	8.5
Randolph	24,596	28,734	24,357	99.0	28,385	98.8	239	1.0	349	1.2
Ritchie	10,145	11,442	10,128	99.8	11,422	99.8	17	0.2	20	0.2
Roane	14,111	15,952	14,028	99.4	15,806	99.1	83	0.6	146	0.9
Summers	13,213	15,875	12,635	95.6	14,634	92.2	578	4.4	1,241	7.8
Taylor	13,878	16,584	13,714	98.8	16,411	99.0	164	1.2	173	1.0
Tucker	7,447	8,675	7,424	99.7	8,648	99.7	23	0.3	27	0.3
Tyler	9,929	11,320	9,913	99.8	11,297	99.8	16	0.2	23	0.2
Upshur	19,092	23,427	18,985	99.4	23,245	99.2	107	0.6	182	0.8
Wayne	37,581	46,021	37,512	99.8	45,902	99.7	69	0.2	119	0.3
Webster	9,809	12,245	9,800	99.9	12,228	99.9	9	0.1	17	0.1
Wetzel	20,314	21,874	20,296	99.9	21,800	99.7	18	0.1	74	0.3
Wirt	4,154	4,922	4,148	99.9	4,905	99.7	6	0.1	17	0.3
Wood	86,818	93,648	85,970	99.0	92,510	98.8	848	1.0	1,138	1.2
Wyoming	30,095	35,993	29,581	98.3	35,504	98.6	514	1.7	489	1.4

Source: General Population Characteristics, West Virginia. For 1970 data: (PC(1)B-50), Table 33, Pages 79-83. For 1980 data: (PC80-1-B50), Volume 1, Chapter B, Part 50, Table 53, Pages 144 -148. U.S. Department of Commerce, Bureau of the Census, Washington, D. C., August 1971 (for 1970) and August 1982 (for 1980).

Table 3-A

WEST VIRGINIA AND SERVICE DELIVERY AREAS
POPULATION BY RACE
CENSUS: 1970 AND 1980

STATE AND SDAs	TOTAL		WHITE				NONWHITE			
			1970		1980		1970		1980	
	1970	1980	Total	Percent	Total	Percent	Total	Percent	Total	Percent
West Virginia	1,744,237	1,949,644	1,673,481	95.9	1,874,751	96.2	70,756	4.1	74,893	3.8
Kanawha County SDA	229,515	231,414	215,908	94.1	215,953	93.3	13,607	5.9	15,461	6.7
Northern Panhandle SDA*	201,472	207,726	197,299	97.9	203,146	97.8	4,173	2.1	4,580	2.2
Balance of State**	1,313,250	1,510,504	1,260,274	96.0	1,455,652	96.4	52,976	4.0	54,852	3.6

*Counties within Northern Panhandle Service Delivery Area: Brooke, Hancock, Marshall, Ohio, Tyler and Wetzel.

**Balance of State is West Virginia less Kanawha County SDA and Northern Panhandle SDA.

Table 4

WEST VIRGINIA
PER CAPITA PERSONAL INCOME BY COUNTY
1988

COUNTY	INCOME 1988	INCOME 1987	RANK 1988	RANK 1987	PERCENT CHANGE
UNITED STATES	$16,490	$15,472	NA	NA	6.6
STATE OF WEST VIRGINIA	11,690	11,000	NA	NA	6.3
METROPOLITAN PORTION	13,305	12,462	NA	NA	6.8
NONMETROPOLITAN PORTION	10,763	10,161	NA	NA	5.9
HANCOCK	14,461	12,958	1	3	11.6
OHIO	14,422	13,226	2	2	9.0
KANAWHA	14,400	13,597	3	1	5.9
CABELL	13,497	12,556	4	5	7.5
WOOD	13,483	12,577	5	4	7.2
BERKELEY	12,712	12,092	6	6	5.1
MONONGALIA	12,610	11,904	7	8	5.9
JEFFERSON	12,537	11,908	8	7	5.3
MERCER	12,397	11,590	9	11	7.0
HARRISON	12,394	11,706	10	9	5.9
PUTNAM	12,162	11,680	11	10	4.1
HARDY	11,818	11,053	12	14	6.9
MORGAN	11,800	11,249	13	13	4.9
WETZEL	11,703	10,836	14	18	8.0
MARION	11,625	10,963	15	15	6.0
BOONE	11,561	11,379	16	12	1.6
PLEASANTS	11,510	10,896	17	17	5.6
MINERAL	11,499	10,832	18	19	6.2
RALEIGH	11,449	10,914	19	16	4.9
GREENBRIER	11,403	10,547	20	23	8.1
MARSHALL	11,373	10,595	21	21	7.3
POCAHONTAS	11,345	10,453	22	24	8.5
BROOKE	11,332	10,711	23	20	5.8
HAMPSHIRE	11,204	10,570	24	22	6.0
MINGO	10,834	10,084	25	26	7.4
GRANT	10,809	10,115	26	25	6.9
NICHOLAS	10,788	10,051	27	27	7.3
RANDOLPH	10,682	10,002	28	29	6.8
LOGAN	10,615	9,793	29	32	8.4
TYLER	10,559	9,847	30	31	7.2
LEWIS	10,509	9,938	31	30	5.7
TUCKER	10,450	9,790	32	33	6.7
MASON	10,216	9,365	33	36	9.1
JACKSON	10,028	10,007	34	28	0.2
MONROE	9,936	9,484	35	34	4.8
BRAXTON	9,862	9,118	36	38	8.2
WAYNE	9,791	9,414	37	35	4.0
RITCHIE	9,650	9,018	38	39	7.0
PENDLETON	9,622	9,210	39	37	4.5
FAYETTE	9,379	8,716	40	44	7.6
ROANE	9,276	8,903	41	40	4.2
UPSHUR	9,217	8,808	42	41	4.6
BARBOUR	9,192	8,642	43	46	6.4
TAYLOR	9,136	8,790	44	42	3.9
PRESTON	9,060	8,749	45	43	3.6
GILMER	8,928	8,710	46	45	2.5
DODDRIDGE	8,796	8,484	47	47	3.7
WIRT	8,592	8,088	48	49	6.2
WYOMING	8,532	8,318	49	48	2.6
LINCOLN	8,015	7,512	50	52	6.7
MCDOWELL	7,919	7,514	51	51	5.4
WEBSTER	7,862	7,810	52	50	0.7
CALHOUN	7,660	7,158	53	54	7.0
SUMMERS	7,606	7,227	54	53	5.2
CLAY	6,929	6,773	55	55	2.3

NA Not applicable.
Source: Bureau of Economic Analysis.

Table 4-A

WEST VIRGINIA AND SERVICE DELIVERY AREAS
PER CAPITA PERSONAL INCOME
1987 - 1988

AREA	INCOME 1988	INCOME 1987	PERCENT CHANGE
State of West Virginia	11,690	11,000	6.3
Kanawha County SDA	14,400	13,597	5.9
Northern Panhandle SDA*	12,855	11,829	8.7
Balance of State**	11,132	10,502	6.0

*Counties within Northern Panhandle Service Delivery Area: Brooke, Hancock, Marshall, Ohio, Tyler and Wetzel.

**Balance of State is West Virginia less Kanawha County SDA and Northern Panhandle SDA.

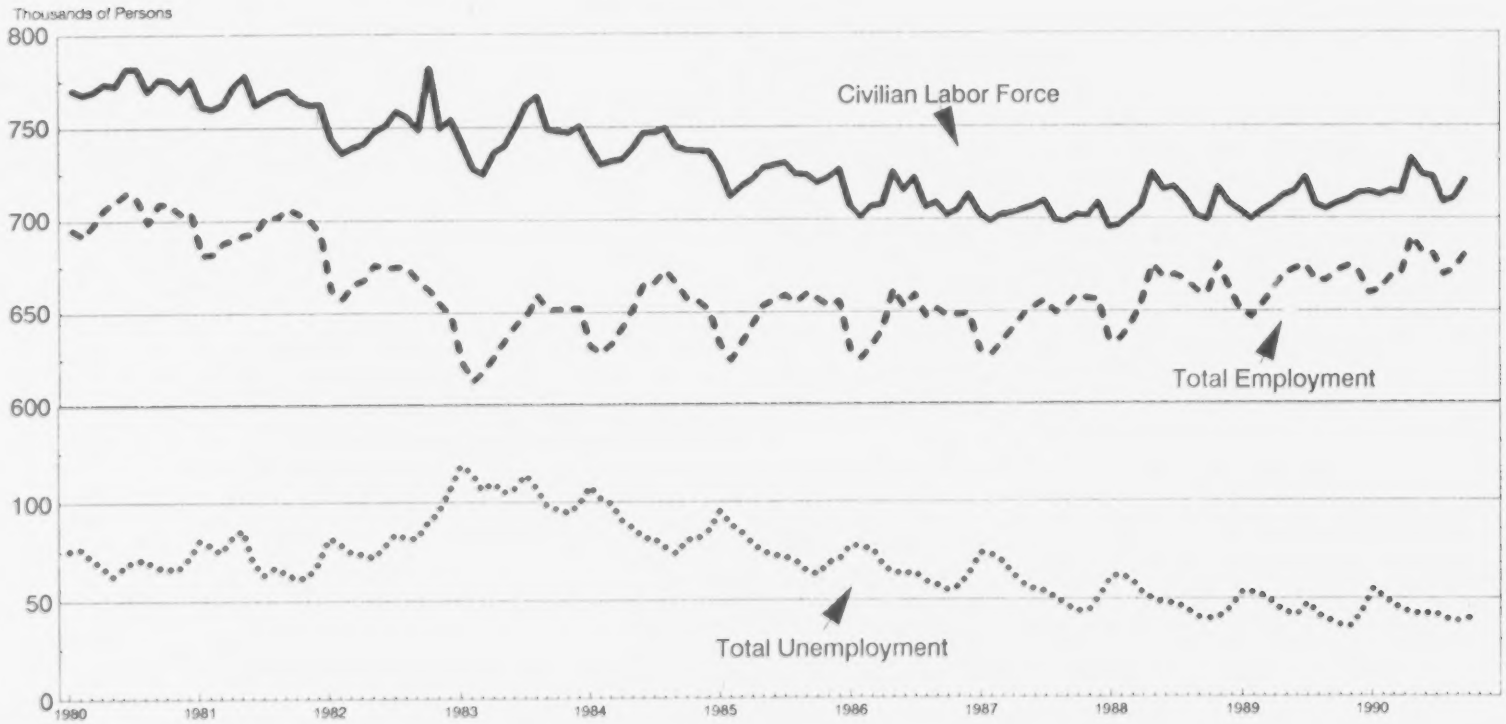
Table 5

WEST VIRGINIA
NONAGRICULTURAL PAYROLL EMPLOYMENT, BY INDUSTRY
ANNUAL AVERAGES FOR
FISCAL YEARS 1988 - 1990 AND
PROJECTED FISCAL YEAR 1992

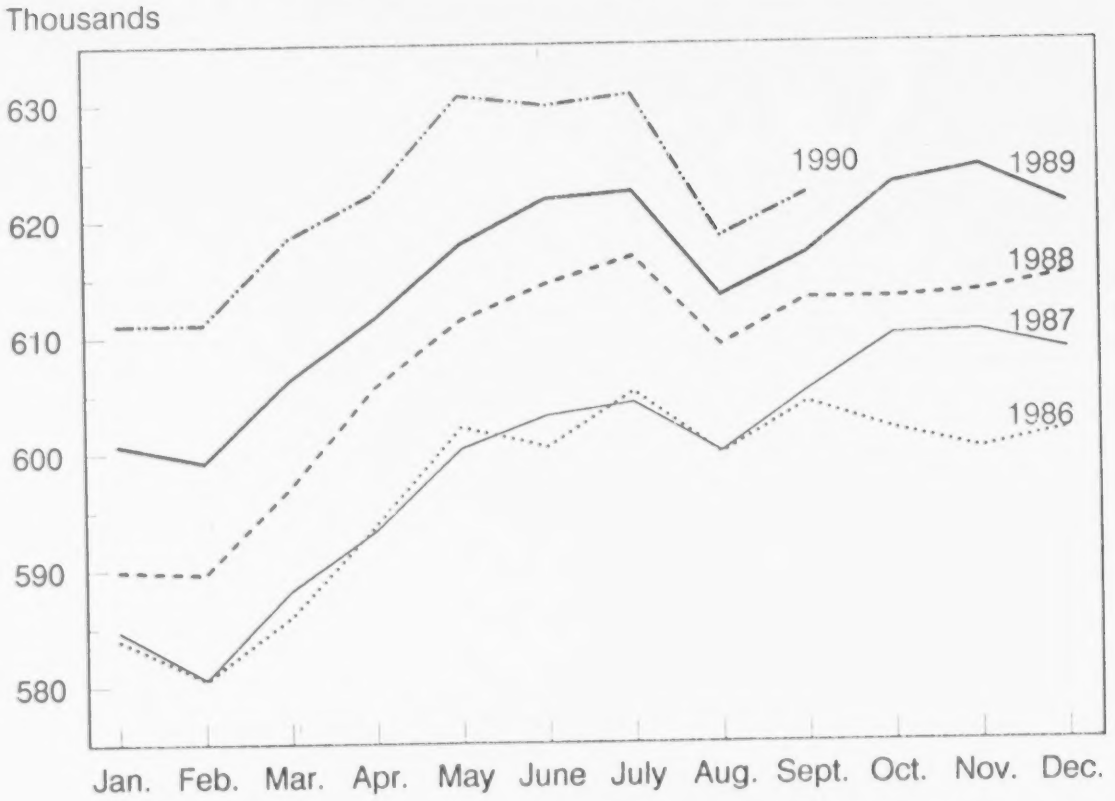
Industry	Annual Averages Fiscal Years					Projected
	FY 1988*	FY 1989*	FY 1990*	1989 - 1990 Changes Number*	Percent	Fiscal Year 1992*
Total Nonagricultural Payroll Employment, Total	604.7	612.8	619.3	6.5	1.1	635.0
GOODS PRODUCING	146.4	144.3	145.3	1.0	0.7	149.0
Mining	35.5	34.7	34.0	-0.7	-2.0	36.2
Coal Mining	30.2	29.3	28.5	-0.8	-2.7	30.3
Construction	24.6	21.7	23.6	1.9	8.8	25.0
Manufacturing	86.3	87.9	87.7	-0.2	-0.2	87.8
Durable Goods	47.9	49.6	49.8	0.2	0.4	49.7
Stone, Clay & Glass Products	8.3	8.1	8.2	0.1	1.2	8.2
Primary & Fabricated Metals	20.2	20.6	20.4	-0.2	-1.0	20.4
Electrical & Nonelectrical Machinery	8.1	8.6	8.4	-0.2	-2.3	8.4
Nondurable Goods	38.4	38.2	37.9	-0.3	-0.8	38.1
Chemicals	18.2	18.0	18.0	0.0	0.0	18.0
SERVICE PRODUCING	458.3	468.6	474.1	5.5	1.2	486.0
Transportation & Public Utilities	36.5	36.5	36.5	0.0	0.0	36.7
Transportation	16.3	16.1	16.4	0.3	1.9	16.5
Communication	7.9	8.1	7.8	-0.3	-3.7	7.8
Electric, Gas, & Sanitary Services	12.4	12.3	12.3	0.0	0.0	12.4
Trade	141.2	143.9	145.8	1.9	1.3	148.0
Wholesale	29.7	30.1	30.3	0.2	0.7	30.8
Retail	111.4	113.8	115.4	1.6	1.4	117.2
General Merchandise Stores	18.2	17.7	17.5	-0.2	-1.1	17.8
Food Stores	21.3	22.2	22.9	0.7	3.2	23.3
Auto Dealers & Service Stations	14.7	15.0	14.5	-0.5	-3.3	14.5
Eating & Drinking Places	31.8	33.0	34.2	1.2	3.6	34.9
Finance, Insurance, & Real Estate	24.3	24.1	24.2	0.1	0.4	24.5
Services	127.7	136.8	140.8	4.0	2.9	150.0
Business & Repair Services	17.3	17.8	19.1	1.3	7.3	22.5
Health Services	52.7	51.6	53.7	2.1	4.1	56.1
Government	128.6	127.3	126.8	-0.5	-0.4	126.8
Federal	16.0	16.3	16.8	0.5	3.1	18.3
State	39.7	39.2	38.9	-0.3	-0.8	37.8
Local	72.8	71.8	71.1	-0.7	-1.0	70.7

Note: May not add to totals due to rounding. March 1989 benchmark.
*In thousands.

Graph A: West Virginia
Unemployment, Employment, and Civilian Labor Force



Graph B: West Virginia
Nonagricultural Payroll Employment
Modified Analytical Series



Modifications from regularly published nonagricultural employment:
One-day election poll workers are subtracted. Rarely Governor's Summer Youth Program workers get counted in more than one summer month's survey week; here they are subtracted for second month. Workers subtracted because of labor market disputes (strikes) are re-added if more than 1000 are involved.

Table 5-A

WEST VIRGINIA, LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
NONAGRICULTURAL PAYROLL EMPLOYMENT, BY INDUSTRY
ANNUAL AVERAGES FOR
FISCAL YEARS 1988 - 1990 AND
PROJECTED FISCAL YEAR 1992

Industry	Annual Averages Fiscal Years					Projected
	FY 1988*	FY 1989*	FY 1990*	1989 - 1990 Changes Number*	Percent	Fiscal Year 1992*
Total Nonagricultural Payroll Employment	437.5	444.1	448.0	3.9	0.9	459.8
GOODS PRODUCING	108.3	105.9	107.1	1.2	1.1	110.3
Mining	31.9	31.1	30.4	-0.7	-2.3	32.4
Coal Mining	27.4	26.6	25.7	-0.9	-3.4	27.3
Construction	18.7	15.9	18.1	2.2	13.8	19.2
Manufacturing	57.7	58.9	58.6	-0.3	-0.5	58.7
Durable Goods	33.2	34.5	34.6	0.1	0.3	34.5
Nondurable Goods	24.5	24.3	23.9	-0.4	-1.6	24.1
SERVICE PRODUCING	329.2	338.3	341.0	2.7	0.8	349.5
Transportation & Public Utilities	26.1	25.9	25.6	-0.3	-1.2	25.8
Trade	101.9	104.4	105.0	0.6	0.6	106.6
Finance, Insurance, & Real Estate	15.8	15.7	15.7	0.0	0.0	15.9
Services	87.4	95.0	97.2	2.2	2.3	103.6
Government	98.0	97.3	97.5	0.2	0.2	97.6

Note: May not add to totals due to rounding. March 1989 benchmark.
*In thousands.

Table 5-B

KANAWHA COUNTY SERVICE DELIVERY AREA
NONAGRICULTURAL PAYROLL EMPLOYMENT, BY INDUSTRY
ANNUAL AVERAGES FOR
FISCAL YEARS 1988 - 1990 AND
PROJECTED FISCAL YEAR 1992

Industry	Annual Averages Fiscal Years					Projected
	FY 1988*	FY 1989*	FY 1990*	1989 - 1990 Changes Number*	Percent	Fiscal Year 1992*
Total Nonagricultural Payroll Employment	97.0	97.8	99.4	1.6	1.6	101.9
GOODS PRODUCING	15.3	15.2	15.2	0.0	0.0	15.5
Mining	2.0	1.9	1.8	-0.1	-5.3	1.9
Coal Mining	1.3	1.1	1.1	0.0	0.0	1.2
Construction	3.5	3.5	3.5	0.0	0.0	3.7
Manufacturing	9.8	9.8	9.9	0.1	1.0	9.9
Durable Goods	1.2	1.4	1.4	0.0	0.0	1.4
Nondurable Goods	8.6	8.4	8.6	0.2	2.4	8.6
SERVICE PRODUCING	81.7	82.6	84.2	1.6	1.9	86.4
Transportation & Public Utilities	7.3	7.4	7.6	0.2	2.7	7.6
Trade	24.6	24.7	25.4	0.7	2.8	25.8
Finance, Insurance, & Real Estate	6.0	6.0	6.0	0.0	0.0	6.1
Services	24.1	25.1	26.3	1.2	4.8	28.0
Government	19.7	19.4	18.9	-0.5	-2.6	18.9

Note: May not add to totals due to rounding. March 1989 benchmark.

Table 5-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA
NONAGRICULTURAL PAYROLL EMPLOYMENT, BY INDUSTRY
ANNUAL AVERAGES FOR
FISCAL YEARS 1988 - 1990 AND
PROJECTED FISCAL YEAR 1992

Industry	Annual Averages Fiscal Years					
	FY 1988*	FY 1989*	FY 1990*	1989 - 1990 Changes Number*	Percent	Projected Fiscal Year 1992*
Total Nonagricultural Payroll Employment	70.2	70.9	71.9	1.0	1.4	73.3
GOODS PRODUCING	22.8	23.2	23.0	-0.2	-0.9	23.2
Mining	1.6	1.7	1.8	0.1	5.9	1.9
Coal Mining	1.5	1.6	1.7	0.1	6.2	1.8
Construction	2.4	2.3	2.0	-0.3	-13.0	2.1
Manufacturing	18.8	19.2	19.2	0.0	0.0	19.2
Durable Goods	13.5	13.7	13.8	0.1	0.7	13.8
Nondurable Goods	5.3	5.5	5.4	-0.1	-1.8	5.4
SERVICE PRODUCING	47.4	47.7	48.9	1.2	2.5	50.1
Transportation & Public Utilities	3.1	3.2	3.3	0.1	3.1	3.3
Trade	14.7	14.8	15.4	0.6	4.1	15.6
Finance, Insurance, & Real Estate	2.5	2.4	2.5	0.1	4.2	2.5
Services	16.2	16.7	17.3	0.6	3.6	18.4
Government	10.9	10.6	10.4	-0.2	-1.9	10.3

Note: May not add to totals due to rounding. March 1989 benchmark.
*In thousands.

Table 6

WEST VIRGINIA
NONAGRICULTURAL PAYROLL EMPLOYMENT BY INDUSTRY
(000)
FY 1990

Industry	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
TOTAL NONAGRICULTURAL	604.9	610.0	616.9	622.8	624.2	621.0	611.1	611.1	618.5	622.2	641.5	629.7	619.3
GOODS PRODUCING	131.4	148.0	147.7	148.9	148.7	145.6	143.3	142.5	144.6	145.7	147.9	149.4	145.3
Mining	17.9	35.1	35.4	35.3	35.7	35.4	35.0	35.0	35.4	35.7	36.1	36.2	34.0
Coal Mining	12.2	29.5	29.7	29.6	29.9	29.7	29.7	29.7	30.1	30.4	30.7	30.7	28.5
Oil & Gas Extraction	4.6	4.5	4.6	4.6	4.7	4.6	4.3	4.2	4.2	4.2	4.3	4.4	4.4
Other Mining 1/	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
Construction	25.3	24.9	25.0	25.7	24.9	22.8	21.0	20.3	21.7	22.7	24.2	24.7	23.6
General Building Contractors	6.8	7.0	6.9	7.2	7.0	6.6	6.1	5.8	5.7	5.7	5.8	6.2	6.4
Heavy Construction	6.1	6.0	6.3	6.5	6.1	5.0	3.7	3.8	4.9	5.4	6.2	6.5	5.5
Special Trade Contractors	12.4	11.9	11.8	12.0	11.8	11.2	11.2	10.7	11.1	11.6	12.2	12.0	11.7
Manufacturing	88.2	88.0	87.3	87.9	88.1	87.4	87.3	87.2	87.5	87.3	87.6	88.5	87.7
Durable Goods	50.1	49.8	49.7	49.8	50.1	49.8	49.7	49.7	49.6	49.6	49.4	49.7	49.8
Lumber, Wood Products & Furniture	7.6	7.6	7.6	7.5	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.6
Stone, Clay & Glass Products	8.1	8.2	8.2	8.3	8.4	8.2	8.1	8.2	8.3	8.3	8.2	8.2	8.2
Primary Metals Industries	15.0	15.2	15.1	14.9	15.0	14.9	15.0	14.9	14.9	14.8	14.8	14.9	15.0
Fabricated Metal Products	5.6	5.4	5.1	5.4	5.5	5.6	5.5	5.5	5.5	5.3	5.3	5.4	5.4
Industrial Machinery & Equipment	5.9	5.9	5.9	6.0	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.8	5.8
Electronic & Electrical Equipment	2.6	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.6
Transportation Equipment	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Other Durable Goods 2/	2.6	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.4	2.5	2.4	2.5	2.5
Nondurable Goods	38.1	38.2	37.6	38.1	38.0	37.6	37.6	37.5	37.9	37.7	38.2	38.8	37.9
Food & Kindred Products	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.3	4.4	4.4	4.5	4.5	4.3
Textile Mill Products	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Apparel & Other Textile Products	4.4	4.4	4.3	4.4	4.2	4.1	4.0	3.8	3.9	3.6	3.9	4.1	4.1
Paper & Allied Products	1.2	1.3	1.2	1.5	1.6	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.2
Printing & Publishing	5.0	5.0	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.2	5.0
Chemical & Allied Products	18.0	18.0	17.8	17.8	17.8	17.9	18.0	18.0	18.1	18.0	18.2	18.4	18.0
Other Nondurable Goods 3/	4.5	4.5	4.4	4.5	4.4	4.4	4.4	4.4	4.5	4.6	4.5	4.7	4.5
SERVICE PRODUCING	473.5	462.0	469.2	473.9	475.5	475.4	467.8	468.6	473.9	476.5	493.6	480.3	474.1
Transportation & Public Utilities	36.9	34.3	37.0	37.0	36.8	36.5	36.3	36.0	36.5	36.6	37.0	37.3	36.5
Railroad Transportation	4.0	4.0	4.1	4.1	4.0	4.0	3.9	3.8	3.9	4.0	4.0	4.0	4.0
Trucking & Warehousing	8.9	9.1	9.1	9.1	9.0	8.9	8.8	8.6	8.8	8.8	9.1	9.1	8.9
Other Transportation	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.4
Communications	8.1	5.3	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.1	7.8
Electric, Gas & Sanitary Services	12.5	12.5	12.3	12.3	12.3	12.2	12.2	12.2	12.3	12.3	12.4	12.6	12.3
Trade	146.7	147.2	147.2	146.7	147.9	148.4	143.5	142.1	142.8	144.2	146.4	146.6	145.8
Wholesale Trade	30.6	30.5	30.7	30.5	30.3	30.4	30.3	30.0	30.0	30.0	30.2	30.2	30.3
Retail Trade	116.1	116.7	116.5	116.2	117.6	118.0	113.2	112.1	112.8	114.2	116.2	116.4	115.4
Building Materials & Garden Supplies	5.3	5.4	5.3	5.2	5.1	4.9	4.8	4.8	4.9	5.1	5.3	5.5	5.1
General Merchandise Stores	17.3	17.6	18.2	19.2	19.6	19.8	18.0	16.8	16.6	15.2	15.7	15.7	17.5
Food Stores	23.0	23.1	23.1	22.9	23.0	23.1	22.7	22.7	22.5	22.8	22.9	22.7	22.9
Automotive Dealers & Service Stations	14.9	14.8	14.8	14.5	14.4	14.3	14.2	14.2	14.3	14.4	14.6	14.7	14.5
Apparel & Accessory Stores	5.3	5.3	5.2	5.3	5.6	6.0	5.3	5.2	5.2	6.5	6.5	6.5	5.7
Home Furniture & Equipment Stores	4.6	4.7	4.7	4.6	4.8	4.8	4.6	4.6	4.6	4.6	4.7	4.7	4.7
Eating & Drinking Places	34.8	34.9	34.3	33.5	33.7	33.3	32.6	32.9	33.8	34.9	35.6	35.9	34.2
Miscellaneous Retail	10.9	10.9	10.9	11.0	11.4	11.8	11.0	10.9	10.9	10.7	10.9	10.7	11.0
Finance, Insurance, & Real Estate	24.2	24.1	24.0	24.1	24.2	24.1	24.2	24.3	24.2	24.3	24.6	24.7	24.2
Finance	13.8	13.7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.8	13.9	13.7
Insurance	6.3	6.3	6.3	6.4	6.4	6.4	6.5	6.6	6.5	6.6	6.6	6.6	6.5
Real Estate	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.1
Services	139.5	139.4	139.0	139.6	139.1	138.7	138.5	139.6	142.1	143.6	144.8	145.6	140.8
Agricultural Services	2.3	2.2	2.1	2.0	2.2	2.1	1.9	2.0	2.1	2.3	2.5	2.7	2.2
Hotels & Other Lodging Places	8.6	8.6	8.4	8.1	7.8	8.1	8.1	7.8	8.3	8.7	8.9	9.2	8.4
Personal Services	6.2	6.2	6.3	6.2	6.1	6.1	6.3	6.3	6.3	6.2	6.1	6.0	6.2
Business Services	13.2	13.4	13.2	13.4	13.2	13.3	13.2	13.1	13.2	13.5	13.7	13.6	13.3
Automotive & Miscellaneous Repair	5.7	5.7	5.7	5.8	5.8	5.6	5.8	5.8	5.8	5.9	5.8	6.0	5.8
Amusements, incl. Motion Pictures	7.0	6.9	6.6	6.1	5.9	5.6	5.4	5.5	5.9	6.1	6.4	6.9	6.2
Health Services	53.3	53.2	52.9	53.0	53.1	53.1	53.5	53.6	54.1	54.4	54.7	55.5	53.7
Nursing & Personal Care Homes	9.6	9.6	9.7	9.7	9.8	9.7	9.8	9.8	10.0	9.9	10.0	10.2	9.8
Hospitals	27.3	27.1	26.9	26.9	26.9	27.0	27.2	27.3	27.5	27.7	27.8	28.3	27.3
Other Health Services	16.4	16.5	16.3	16.4	16.4	16.4	16.5	16.5	16.6	16.8	16.9	17.0	16.6
Legal Services	3.8	3.7	3.6	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.7	4.0	3.7
Educational Services	3.9	3.9	4.4	5.6	5.4	5.2	4.6	5.4	5.9	5.8	5.7	4.6	5.0
Social Services	7.8	8.0	8.3	8.3	8.5	8.5	8.5	8.7	8.8	8.9	9.1	8.7	8.5
Membership Organizations	19.6	19.5	19.5	19.5	19.5	19.5	19.4	19.5	19.7	19.6	19.6	19.7	19.6
Engineering & Management Services	7.1	7.0	7.0	7.1	7.1	7.0	7.2	7.3	7.4	7.6	7.6	7.7	7.3
Other Services	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Government	126.1	117.0	122.0	126.5	127.5	127.7	125.3	126.6	128.3	127.8	140.8	126.1	126.8
Federal	16.8	16.7	16.3	16.1	16.0	16.0	16.0	16.0	16.6	16.9	18.9	18.6	16.8
Hospitals	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
U S Postal Service	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.1
Other Federal	8.6	8.5	8.2	8.0	8.0	8.0	8.0	8.0	8.7	9.0	11.0	10.7	8.7
State	42.9	34.1	36.5	39.7	40.6	40.5	38.6	39.5	40.3	39.7	39.2	35.1	38.9
Hospitals	3.1	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.9	3.0
Education	11.5	11.7	14.4	17.7	18.6	18.4	16.3	17.1	18.7	18.3	17.8	13.1	16.1
Other State	28.3	19.4	19.2	19.1	19.1	19.2	19.3	19.4	18.6	18.5	18.5	19.7	19.8
Local	66.4	66.2	69.2	70.7	70.9	71.2	70.7	71.1	71.4	71.2	82.7	72.4	71.1
Hospitals	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.8
Education	40.1	40.0	44.1	46.1	46.4	46.8	46.5	47.1	47.1	46.9	47.0	46.9	45.4
Other Local	21.4	21.3	20.3	19.8	19.7	19.6	19.4	19.2	19.5	19.5	30.9	20.6	20.9
Total Private Sector	478.8	493.0	494.9	496.3	496.7	493.3	485.8	484.5	490.2	494.4	500.7	503.6	492.7

March 1989 benchmark.
1/ Includes quarrying & magnetite processing.
2/ Includes instruments & miscellaneous manufacturing.
3/ Includes tobacco, petroleum, rubber, plastics & leather products.
Figures may not add due to rounding.

Table 7

WEST VIRGINIA LABOR FORCE STATISTICS
WV SERIES LABOR FORCE DATA (AS CALCULATED BY WV DIVISION OF EMPLOYMENT SECURITY)*
(In Thousands)
CALENDAR YEARS 1970 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
						1970							
Civilian Labor Force	605.1	602.3	604.4	612.7	627.7	633.4	637.0	628.3	624.0	623.3	629.2	625.6	621.1
Total Employment	562.2	560.5	568.0	575.0	585.6	594.1	594.0	593.6	593.2	594.1	590.8	590.1	583.4
Total Unemployment	43.0	41.8	36.4	37.7	42.2	39.3	43.0	34.7	30.8	29.2	38.4	35.5	37.7
Unemployment Rate	7.1	6.9	6.0	6.2	6.7	6.2	6.7	5.5	4.9	4.7	6.1	5.7	6.1
						1971							
Civilian Labor Force	615.0	613.2	610.1	620.0	626.4	641.1	648.9	636.3	626.3	628.4	635.8	633.9	628.0
Total Employment	569.9	566.4	571.1	583.6	591.3	597.0	604.7	598.3	594.5	590.4	588.2	589.4	587.1
Total Unemployment	45.1	46.8	39.1	36.4	35.2	44.1	44.2	38.0	31.8	38.0	47.6	44.5	40.9
Unemployment Rate	7.3	7.6	6.4	5.9	5.6	6.9	6.8	6.0	5.1	6.0	7.5	7.0	6.5
						1972							
Civilian Labor Force	625.1	623.4	627.0	633.3	643.3	652.4	665.0	650.6	646.6	642.3	644.7	647.5	641.8
Total Employment	572.9	573.3	581.4	593.6	604.5	609.6	617.9	611.7	611.6	608.5	607.1	605.7	599.8
Total Unemployment	52.2	50.0	45.6	39.6	38.8	42.8	47.0	38.8	35.0	33.8	37.6	41.8	41.9
Unemployment Rate	8.3	8.0	7.3	6.3	6.0	6.6	7.1	6.0	5.4	5.3	5.8	6.5	6.5
						1973							
Civilian Labor Force	638.0	634.9	641.4	643.0	653.3	674.6	673.0	661.7	657.0	654.1	655.8	658.3	653.7
Total Employment	588.6	590.9	602.2	607.2	619.2	635.9	628.3	626.6	625.4	625.4	623.2	622.0	616.3
Total Unemployment	49.4	44.0	39.2	35.8	34.0	38.6	44.7	35.1	31.6	28.7	32.6	36.3	37.5
Unemployment Rate	7.7	6.9	6.1	5.6	5.2	5.7	6.6	5.3	4.8	4.4	5.0	5.5	5.7
						1974							
Civilian Labor Force	652.7	650.4	652.9	657.6	667.7	687.7	679.8	672.6	671.9	670.5	674.0	675.1	667.8
Total Employment	604.7	604.1	612.9	622.5	634.1	652.1	639.2	639.7	641.0	638.2	630.9	621.4	628.6
Total Unemployment	48.0	46.3	40.1	35.1	33.6	35.6	40.6	32.9	30.8	32.3	43.1	51.9	39.2
Unemployment Rate	7.4	7.1	6.1	5.4	5.0	5.2	6.0	4.9	4.6	4.8	6.4	7.7	5.9
						1975							
Civilian Labor Force	666.2	661.0	663.7	675.1	683.0	689.8	697.6	683.6	687.1	685.1	687.9	686.3	680.5
Total Employment	608.6	604.9	610.2	624.8	633.9	640.7	647.2	637.9	641.9	642.3	641.6	637.5	630.9
Total Unemployment	57.6	56.0	53.5	50.3	49.1	49.1	50.4	45.7	45.2	42.8	46.3	48.8	49.6
Unemployment Rate	8.7	8.5	8.1	7.5	7.2	7.1	7.2	6.7	6.6	6.2	6.7	7.1	7.3
						1976							
Civilian Labor Force	677.3	678.0	682.3	691.6	710.1	707.4	717.5	701.3	703.7	703.0	704.0	703.1	698.3
Total Employment	622.8	625.2	634.2	647.8	669.3	666.5	671.3	658.8	666.1	665.2	663.0	658.9	653.9
Total Unemployment	54.5	52.8	48.1	43.8	40.8	42.9	46.2	42.5	37.6	37.9	41.0	44.2	44.4
Unemployment Rate	8.0	7.8	7.1	6.3	5.7	6.1	6.4	6.1	5.3	5.4	5.8	6.3	6.4
						1977							
Civilian Labor Force	689.3	704.5	698.1	713.2	719.6	727.0	733.2	738.4	729.0	721.8	719.9	731.4	718.8
Total Employment	635.2	629.6	650.0	671.9	686.4	694.3	695.2	701.9	694.3	689.5	685.8	686.4	676.5
Total Unemployment	54.1	74.9	48.0	41.3	33.2	32.8	38.0	36.5	34.7	32.4	34.1	47.0	42.2
Unemployment Rate	7.8	10.6	6.9	5.8	4.6	4.5	5.2	4.9	4.8	4.5	4.7	6.4	5.9
						1978							
Civilian Labor Force	718.6	717.1	722.8	736.6	745.1	752.9	765.4	751.4	756.7	764.3	761.2	761.6	746.7
Total Employment	662.0	653.7	669.4	698.7	712.7	720.8	726.3	715.5	717.9	729.0	726.9	724.8	704.8
Total Unemployment	56.7	63.5	53.5	37.8	32.4	32.1	39.1	40.0	38.8	35.3	34.3	36.8	41.8
Unemployment Rate	7.9	8.8	7.4	5.1	4.4	4.3	5.1	5.3	5.1	4.6	4.5	5.1	5.6
						1979							
Civilian Labor Force	760.7	758.0	744.8	748.6	761.5	775.7	778.8	765.9	769.8	760.9	756.2	762.6	758.6
Total Employment	688.6	684.8	699.3	709.5	722.2	734.8	730.5	728.7	733.9	721.9	720.6	716.2	716.1
Total Unemployment	52.1	51.1	45.5	39.1	39.3	40.9	48.3	37.2	35.9	37.0	35.6	46.4	42.5
Unemployment Rate	7.0	7.2	6.1	5.2	5.2	5.3	6.2	4.9	4.7	4.9	4.7	6.1	5.6

continued

Table 7

WEST VIRGINIA LABOR FORCE STATISTICS*
(In Thousands)
CALENDAR YEARS 1970 - 1990
continued

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
						1980							
Civilian Labor Force	770.2	767.8	769.6	773.6	772.7	781.7	781.6	769.4	775.8	775.1	769.4	776.0	773.6
Total Employment	694.9	691.6	698.1	706.3	710.2	714.7	711.4	698.8	708.6	708.4	703.5	704.5	704.2
Total Unemployment	75.3	76.3	71.4	67.3	62.6	66.9	70.2	70.6	67.2	66.6	65.9	71.5	69.1
Unemployment Rate	9.8	9.9	9.3	8.7	8.1	8.6	9.0	9.2	8.7	8.6	8.6	9.2	9.0
						1981							
Civilian Labor Force	761.2	759.7	762.2	772.0	777.6	762.1	765.2	768.4	769.4	764.0	762.1	762.3	765.5
Total Employment	681.0	681.6	687.9	689.8	692.0	693.3	702.0	701.6	706.0	703.2	699.8	691.2	694.3
Total Unemployment	80.3	78.1	74.2	82.2	85.6	68.8	63.2	66.8	63.4	60.8	62.3	69.1	71.2
Unemployment Rate	10.5	10.3	9.7	10.6	11.0	9.0	8.3	8.7	8.2	8.0	8.2	9.1	9.3
						1982							
Civilian Labor Force	743.7	736.1	738.9	740.9	747.5	750.8	758.3	755.4	748.3	751.3	749.2	751.7	747.9
Total Employment	662.1	657.4	665.0	667.5	675.8	674.0	674.5	674.1	666.7	661.7	654.3	647.7	665.1
Total Unemployment	81.7	78.7	74.0	73.5	71.8	76.8	83.8	81.4	81.6	89.6	94.8	105.9	82.8
Unemployment Rate	11.0	10.7	10.0	9.9	9.6	10.2	11.0	10.8	10.9	11.9	12.7	14.1	11.1
						1983							
Civilian Labor Force	741.3	727.6	724.4	736.3	739.6	750.0	762.0	766.2	748.6	747.6	746.8	750.2	745.0
Total Employment	622.8	612.9	618.2	626.8	633.6	643.2	648.2	659.2	651.1	651.6	652.4	651.8	639.4
Total Unemployment	118.5	114.7	106.2	109.6	104.5	106.7	113.8	106.9	97.4	96.0	94.4	98.4	105.6
Unemployment Rate	16.0	15.8	14.7	14.9	14.1	14.2	14.9	14.0	13.0	12.8	12.6	13.1	14.2
						1984							
Civilian Labor Force	719.1	729.7	731.5	732.2	738.4	746.4	747.0	748.9	739.0	737.2	736.8	736.4	738.6
Total Employment	611.4	627.9	633.0	641.9	651.8	665.2	666.1	672.4	665.6	656.9	655.6	651.0	651.6
Total Unemployment	107.8	101.8	98.5	90.3	86.6	81.2	80.8	76.6	73.5	80.3	81.2	85.4	87.0
Unemployment Rate	14.6	13.9	13.5	12.3	11.7	10.9	10.8	10.2	9.9	10.9	11.0	11.6	11.8
						1985							
Civilian Labor Force	727.4	712.2	717.7	721.5	727.4	728.9	730.2	724.1	723.7	719.6	722.0	726.4	721.4
Total Employment	632.4	623.9	633.6	643.3	653.4	656.4	658.7	654.7	659.6	656.8	653.4	655.5	648.5
Total Unemployment	95.0	88.4	84.1	78.3	74.0	72.5	71.5	69.4	64.0	62.8	68.6	70.9	74.9
Unemployment Rate	13.1	12.4	11.7	10.8	10.2	9.9	9.8	9.6	8.8	8.7	9.5	9.8	10.4
						1986							
Civilian Labor Force	707.0	701.2	706.9	707.9	725.2	715.5	722.1	706.4	708.6	701.9	704.6	712.9	710.0
Total Employment	629.3	625.0	631.6	641.0	661.9	652.4	659.2	647.5	651.4	647.5	648.0	648.9	645.3
Total Unemployment	77.7	76.2	75.3	66.9	63.3	63.1	63.0	58.9	57.1	54.4	56.6	64.0	64.7
Unemployment Rate	11.0	10.9	10.7	9.5	8.7	8.8	8.7	8.3	8.1	7.7	8.0	9.0	9.1
						1987							
Civilian Labor Force	702.4	698.4	702.0	703.0	704.7	706.7	709.3	698.8	698.4	701.8	701.2	708.0	702.9
Total Employment	629.1	626.2	633.1	640.7	647.9	652.1	655.6	649.1	652.5	658.2	656.6	656.0	646.4
Total Unemployment	73.3	72.2	68.9	62.3	56.8	54.4	53.7	49.7	45.9	43.6	44.6	52.0	56.4
Unemployment Rate	10.4	10.3	9.8	8.9	8.1	7.7	7.6	7.1	6.6	6.2	6.4	7.3	8.0
						1988							
Civilian Labor Force	695.1	696.4	701.3	706.4	724.0	715.3	716.5	710.3	701.0	699.1	716.2	707.7	707.4
Total Employment	634.0	635.0	642.3	654.5	674.9	667.8	669.2	666.6	660.8	659.5	675.1	662.2	658.5
Total Unemployment	61.0	61.5	58.9	51.9	49.1	47.5	47.3	43.7	40.2	39.6	41.1	45.5	49.0
Unemployment Rate	8.8	8.8	8.4	7.4	6.8	6.6	6.6	6.2	5.7	5.7	5.7	6.4	6.9
						1989							
Civilian Labor Force	703.8	699.4	704.0	707.1	712.1	714.2	721.6	707.1	704.7	707.8	709.6	713.3	708.7
Total Employment	650.5	646.5	653.3	661.3	669.8	672.5	674.4	666.1	666.2	671.5	673.9	670.6	664.7
Total Unemployment	53.3	52.9	50.7	45.8	42.4	41.7	47.2	41.1	38.5	36.2	35.7	42.7	44.0
Unemployment Rate	7.6	7.6	7.2	6.5	6.0	5.8	6.5	5.8	5.5	5.1	5.0	6.0	6.2
						1990							
Civilian Labor Force	711.8	712.2	714.3	711.5	711.7	723.1	721.9	708.5	710.3	720.0			
Total Employment	659.4	661.5	668.2	670.1	689.8	681.1	680.4	669.5	672.5	680.6			
Total Unemployment	54.4	50.6	46.1	43.4	41.9	42.0	41.5	39.0	38.2	39.3			
Unemployment Rate	7.6	7.1	6.5	6.1	5.7	5.8	5.7	5.5	5.4	5.5			

*Labor Force, Employment, and Unemployment estimates prior to 1970 were prepared using a "work force" rather than "labor force" concept. Effective with the 1970 data the components were adjusted to represent only those employed and/or unemployed workers who reside within West Virginia. An adjustment was also made to discount dual jobholding. This conceptual change was adopted in 1974.
Data for 1988 and 1989 revised to March 1989 benchmark.

Table 7-A

WEST VIRGINIA LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
LABOR FORCE STATISTICS
(In Thousands)
CALENDAR YEARS 1980 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Ann Avg
1980													
Civilian Labor Force	575.6	574.5	575.9	580.1	577.9	584.8	586.8	576.8	582.1	583.1	578.0	583.1	579.9
Total Employment	516.4	514.2	519.4	526.8	530.2	533.7	532.0	522.3	531.2	531.9	526.6	526.7	526.0
Total Unemployment	59.2	60.4	56.6	53.3	47.7	51.1	54.8	54.5	50.9	51.2	51.4	56.7	54.0
Unemployment Rate	10.3	10.5	9.8	9.2	8.3	8.7	9.3	9.4	8.7	8.8	8.9	9.7	9.3
1981													
Civilian Labor Force	574.9	573.6	575.6	584.9	589.3	574.0	578.2	579.8	581.2	576.6	574.4	574.9	578.1
Total Employment	511.9	512.0	516.9	517.0	518.8	518.5	527.8	527.3	531.8	530.3	526.7	521.2	521.7
Total Unemployment	63.0	61.6	58.7	67.8	70.4	55.4	50.3	52.6	49.4	46.3	47.6	53.7	56.4
Unemployment Rate	11.0	10.7	10.2	11.6	12.0	9.7	8.7	9.1	8.5	8.0	8.3	9.3	9.8
1982													
Civilian Labor Force	563.6	557.0	559.3	562.5	566.8	569.6	576.8	574.9	568.7	572.8	570.0	573.5	568.0
Total Employment	499.7	495.5	501.5	504.2	510.1	508.3	509.1	509.7	502.6	500.6	492.8	486.6	501.7
Total Unemployment	63.9	61.5	57.8	58.2	56.7	61.4	67.7	65.2	66.1	72.2	77.1	86.9	66.2
Unemployment Rate	11.3	11.0	10.3	10.4	10.0	10.8	11.7	11.3	11.6	12.6	13.5	15.2	11.7
1983													
Civilian Labor Force	563.9	552.4	550.0	559.8	561.6	570.3	581.1	582.5	568.8	567.3	566.0	569.1	566.1
Total Employment	467.7	459.0	463.7	470.2	476.9	484.1	488.5	497.3	490.6	491.6	491.4	490.7	481.0
Total Unemployment	96.2	93.4	86.3	89.6	84.7	86.0	92.6	85.2	78.2	75.7	74.6	78.4	85.1
Unemployment Rate	17.1	16.9	15.7	16.0	15.1	15.1	15.9	14.6	13.7	13.3	13.2	13.8	15.0
1984													
Civilian Labor Force	561.2	554.7	556.3	556.3	560.6	566.2	568.0	568.5	559.5	560.6	560.4	559.8	561.2
Total Employment	474.7	473.9	478.3	485.0	492.0	502.6	504.2	508.8	503.1	497.3	495.6	491.2	492.4
Total Unemployment	86.5	80.9	78.0	71.3	68.5	63.6	63.8	59.7	56.4	63.3	64.8	68.5	68.8
Unemployment Rate	15.4	14.6	14.0	12.8	12.2	11.2	11.2	10.5	10.1	11.3	11.6	12.2	12.3
1985													
Civilian Labor Force	551.6	540.3	544.5	547.5	552.0	553.5	555.9	550.8	550.6	547.3	551.4	552.9	549.9
Total Employment	476.6	470.3	478.2	486.3	494.7	497.1	498.9	495.4	500.1	497.8	495.4	495.5	490.5
Total Unemployment	75.0	70.1	66.3	61.2	57.3	56.5	57.0	55.4	50.4	49.6	56.0	57.4	59.4
Unemployment Rate	13.6	13.0	12.2	11.2	10.4	10.2	10.3	10.1	9.2	9.1	10.2	10.4	10.8
1986													
Civilian Labor Force	538.8	534.1	538.1	538.1	551.8	543.8	549.2	535.5	536.6	532.3	534.1	541.0	539.5
Total Employment	475.7	472.2	477.2	484.2	500.8	493.2	498.1	488.5	491.4	489.6	489.3	489.5	487.5
Total Unemployment	63.1	61.9	61.0	54.0	51.0	50.6	51.1	47.0	45.2	42.8	44.8	51.4	52.0
Unemployment Rate	11.7	11.6	11.3	10.0	9.2	9.3	9.3	8.8	8.4	8.0	8.4	9.5	9.6
1987													
Civilian Labor Force	534.6	531.4	534.1	535.3	536.3	537.3	539.9	530.9	530.7	534.3	533.4	538.6	534.7
Total Employment	475.2	472.6	477.9	484.4	490.2	493.5	496.1	491.0	493.8	499.6	497.7	496.5	489.0
Total Unemployment	59.5	58.8	56.2	50.9	46.1	43.8	43.8	40.0	36.9	34.7	35.7	42.2	45.7
Unemployment Rate	11.1	11.1	10.5	9.5	8.6	8.2	8.1	7.5	7.0	6.5	6.7	7.8	8.6
1988													
Civilian Labor Force	529.0	529.1	533.6	537.6	551.6	544.5	546.0	540.9	533.4	532.0	545.7	538.2	538.5
Total Employment	479.5	479.8	486.2	496.3	512.5	506.7	507.7	505.9	501.4	500.6	512.7	501.8	499.2
Total Unemployment	49.5	49.3	47.4	41.4	39.1	37.8	38.4	35.0	31.9	31.4	33.0	36.5	39.2
Unemployment Rate	9.4	9.3	8.9	7.7	7.1	6.9	7.0	6.5	6.0	5.9	6.0	6.8	7.3
1989													
Civilian Labor Force	536.3	532.7	536.7	538.7	542.8	544.0	551.7	538.9	537.1	539.9	541.1	543.4	540.3
Total Employment	493.3	490.2	495.9	501.9	508.8	510.4	512.5	505.5	506.0	510.6	512.1	508.7	506.6
Total Unemployment	43.0	42.5	40.8	36.9	34.1	33.6	39.2	33.4	31.1	29.3	29.0	34.7	33.6
Unemployment Rate	8.0	8.0	7.6	6.8	6.3	6.2	7.1	6.2	5.8	5.4	5.4	6.4	6.2
1990													
Civilian Labor Force	546.5	542.4	543.3	542.2	556.4	548.8	548.1	536.8	539.3	547.2			
Total Employment	499.7	501.2	505.6	507.0	522.7	515.0	514.3	504.4	508.1	514.9			
Total Unemployment	44.8	41.2	37.7	35.2	33.7	33.8	34.0	32.3	31.2	32.4			
Unemployment Rate	8.2	7.6	6.9	6.5	6.1	6.2	6.2	6.0	5.8	5.9			

1980 and 1981 revised to March 1989 benchmark.

Table 7-8

KANAWHA COUNTY SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
(In Thousands)
CALENDAR YEARS 1980 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
1980													
Civilian Labor Force	107.0	105.9	106.0	105.9	106.5	108.1	106.8	105.7	106.5	105.6	105.4	106.5	106.3
Total Employment	99.3	97.8	98.5	98.9	99.2	100.4	99.6	97.8	98.1	97.6	97.7	98.4	98.6
Total Unemployment	7.7	8.0	7.6	6.9	7.3	7.7	7.2	7.9	8.4	7.9	7.7	8.2	7.7
Unemployment Rate	7.2	7.6	7.2	6.6	6.8	7.1	6.7	7.5	7.9	7.5	7.3	7.7	7.3
1981													
Civilian Labor Force	103.2	102.7	102.6	103.4	104.1	103.3	102.6	103.7	103.8	102.5	102.6	102.9	103.1
Total Employment	93.5	93.5	94.1	95.0	95.1	95.7	95.7	95.9	96.1	95.6	95.8	95.9	95.2
Total Unemployment	9.7	9.2	8.4	8.4	9.0	7.6	6.9	7.8	7.7	6.9	6.7	6.9	7.9
Unemployment Rate	9.4	8.9	8.2	8.1	8.7	7.3	6.8	7.6	7.4	6.8	6.6	6.7	7.7
1982													
Civilian Labor Force	99.4	98.7	99.4	98.9	100.1	100.5	101.0	100.6	100.2	99.0	99.8	100.2	99.8
Total Employment	91.1	90.8	92.0	91.7	93.6	93.1	93.2	92.6	92.4	90.2	90.7	90.6	91.8
Total Unemployment	8.3	8.0	7.5	7.2	6.6	7.1	7.8	8.0	7.8	8.8	9.1	9.6	8.0
Unemployment Rate	8.3	8.1	7.5	7.3	6.6	7.1	7.7	7.9	7.7	8.9	9.1	9.6	8.0
1983													
Civilian Labor Force	97.9	97.1	96.9	98.5	99.0	99.7	101.0	101.6	100.6	100.9	101.3	101.3	99.8
Total Employment	87.2	86.5	86.9	88.0	88.9	89.0	90.2	91.8	91.1	90.6	91.1	91.1	89.4
Total Unemployment	10.7	10.5	10.0	10.4	10.1	10.7	10.8	11.8	9.5	10.2	10.2	10.1	10.4
Unemployment Rate	11.0	10.9	10.3	10.6	10.2	10.7	10.7	11.4	9.4	10.1	10.0	10.0	10.4
1984													
Civilian Labor Force	98.4	97.8	98.2	98.6	99.2	100.3	100.8	101.8	101.4	99.7	99.1	99.7	99.6
Total Employment	87.4	87.0	87.3	88.4	89.7	91.2	91.7	92.6	92.3	90.6	90.6	90.5	89.9
Total Unemployment	11.0	10.8	10.9	10.2	9.6	9.2	9.1	9.2	9.1	9.2	8.5	9.2	9.6
Unemployment Rate	11.2	11.1	11.1	10.3	9.7	9.1	9.0	9.0	8.9	9.2	8.5	9.2	9.7
1985													
Civilian Labor Force	98.4	96.3	97.1	97.2	97.9	98.0	98.2	97.7	97.4	96.5	96.5	97.7	97.4
Total Employment	88.0	86.6	87.9	88.7	89.4	89.8	90.9	90.3	90.5	89.9	90.1	90.9	89.4
Total Unemployment	10.3	9.8	9.2	8.5	8.5	8.2	7.3	7.4	6.9	6.6	6.4	6.8	8.0
Unemployment Rate	10.5	10.1	9.5	8.8	8.7	8.4	7.5	7.6	7.1	6.8	6.6	7.0	8.2
1986													
Civilian Labor Force	94.8	94.2	94.8	95.4	97.8	97.0	97.6	96.0	96.1	94.2	95.2	95.9	95.7
Total Employment	87.1	86.5	87.3	88.6	91.1	89.9	91.3	89.7	90.1	88.4	89.3	89.6	89.1
Total Unemployment	7.6	7.7	7.5	6.8	6.6	7.0	6.3	6.3	6.0	5.7	5.9	6.3	6.7
Unemployment Rate	8.1	8.2	7.9	7.1	6.8	7.3	6.4	6.6	6.3	6.1	6.2	6.6	6.9
1987													
Civilian Labor Force	93.6	93.5	94.0	93.8	93.9	94.7	94.7	94.0	93.5	93.4	93.6	94.1	93.9
Total Employment	86.5	86.3	87.2	87.3	87.7	88.6	88.9	88.2	88.1	88.2	88.5	88.6	87.8
Total Unemployment	7.1	7.2	6.9	6.5	6.2	6.1	5.9	5.9	5.4	5.2	5.1	5.5	6.1
Unemployment Rate	7.6	7.7	7.3	7.0	6.6	6.5	6.2	6.2	5.8	5.6	5.5	5.8	6.5
1988													
Civilian Labor Force	92.8	93.4	93.6	94.1	96.0	95.2	95.1	94.9	93.6	92.4	94.7	94.4	94.2
Total Employment	86.3	86.8	87.4	88.5	90.5	90.0	90.2	89.8	88.9	88.0	90.2	89.5	88.8
Total Unemployment	6.5	6.6	6.3	5.6	5.5	5.2	4.9	5.1	4.7	4.5	4.5	4.9	5.4
Unemployment Rate	7.0	7.1	6.7	6.0	5.7	5.5	5.2	5.3	5.0	4.8	4.7	5.2	5.7
1989													
Civilian Labor Force	93.4	93.1	93.0	93.6	94.2	94.4	93.9	93.0	92.6	92.5	93.2	93.7	93.4
Total Employment	87.6	87.4	87.6	88.7	89.6	90.0	89.8	89.0	88.7	89.0	89.9	89.8	88.9
Total Unemployment	5.8	5.8	5.4	4.9	4.6	4.4	4.1	4.0	3.9	3.5	3.3	3.9	4.5
Unemployment Rate	6.2	6.2	5.8	5.2	4.9	4.7	4.4	4.3	4.2	3.8	3.6	4.1	4.8
1990													
Civilian Labor Force	94.4	94.3	95.2	95.2	97.8	96.7	96.9	96.2	95.7	96.4			
Total Employment	89.4	89.5	90.8	90.9	93.5	92.5	93.1	92.6	92.0	92.7			
Total Unemployment	5.0	4.8	4.5	4.3	4.3	4.2	3.8	3.6	3.8	3.7			
Unemployment Rate	5.3	5.1	4.7	4.6	4.4	4.3	3.9	3.7	3.9	3.9			

Data for 1988 and 1989 revised to March 1989 benchmark.

Table I-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
(In Thousands)
CALENDAR YEARS 1980 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
1980													
Civilian Labor Force	87.6	87.4	87.6	87.6	88.3	88.7	88.0	86.9	87.1	86.3	86.0	86.1	87.3
Total Employment	79.2	79.6	80.3	80.5	80.7	80.6	79.8	78.7	79.2	78.8	79.2	79.4	79.7
Total Unemployment	8.4	7.8	7.3	7.1	7.6	8.1	8.2	8.2	7.9	7.5	6.7	6.7	7.6
Unemployment Rate	9.6	9.0	8.3	8.1	8.6	9.1	9.3	9.5	9.1	8.7	7.8	7.7	8.7
1981													
Civilian Labor Force	83.1	83.5	84.0	83.7	84.3	84.8	84.4	84.9	84.4	84.9	85.1	84.6	84.3
Total Employment	75.5	76.1	76.9	77.7	78.1	79.1	78.5	78.5	78.2	77.3	77.2	76.1	77.4
Total Unemployment	7.6	7.4	7.1	6.0	6.2	5.8	5.9	6.4	6.3	7.5	7.9	8.5	6.9
Unemployment Rate	9.1	8.8	8.4	7.2	7.3	6.8	7.0	7.5	7.5	8.9	9.3	10.0	8.2
1982													
Civilian Labor Force	80.8	80.4	80.2	79.6	80.6	80.8	80.5	80.0	79.4	79.5	79.5	80.0	80.1
Total Employment	71.3	71.1	71.5	71.6	72.1	72.5	72.2	71.8	71.7	70.9	70.8	70.6	71.5
Total Unemployment	9.5	9.3	8.7	8.0	8.5	8.3	8.3	8.2	7.7	8.6	8.6	9.4	8.6
Unemployment Rate	11.8	11.5	10.9	10.1	10.5	10.3	10.4	10.2	9.7	10.8	10.9	11.8	10.7
1983													
Civilian Labor Force	79.4	78.1	77.5	78.1	79.0	80.0	79.9	80.1	79.1	79.4	79.5	79.8	79.2
Total Employment	67.9	67.3	67.7	68.6	69.2	69.9	69.5	70.1	69.4	69.4	69.9	69.9	69.1
Total Unemployment	11.6	10.8	9.9	9.5	9.8	10.1	10.4	10.0	9.7	10.0	9.6	9.9	10.1
Unemployment Rate	14.5	13.8	12.8	12.2	12.3	12.6	13.0	12.4	12.3	12.6	12.1	12.4	12.8
1984													
Civilian Labor Force	77.5	77.2	77.0	77.3	78.6	79.9	78.3	78.7	78.2	76.9	77.3	77.0	77.8
Total Employment	67.2	67.1	67.4	68.5	70.1	71.4	70.3	71.0	70.1	69.1	69.3	69.3	69.2
Total Unemployment	10.3	10.1	9.6	8.9	8.5	8.4	8.0	7.7	8.1	7.8	7.9	7.7	8.6
Unemployment Rate	13.3	13.1	12.5	11.5	10.8	10.6	10.2	9.8	10.3	10.1	10.3	10.0	11.0
1985													
Civilian Labor Force	77.5	75.6	76.1	76.8	77.6	77.4	76.0	75.6	75.7	75.7	74.1	75.8	76.2
Total Employment	67.8	67.1	67.6	68.3	69.4	69.6	69.0	69.1	69.0	69.1	67.9	69.1	68.6
Total Unemployment	9.7	8.5	8.5	8.6	8.2	7.9	7.1	6.6	6.7	6.6	6.2	6.7	7.6
Unemployment Rate	12.5	11.3	11.2	11.1	10.6	10.2	9.3	8.7	8.9	8.8	8.3	8.8	10.0
1986													
Civilian Labor Force	73.5	72.9	73.9	74.4	75.7	74.8	75.4	74.9	75.9	75.4	75.3	76.0	74.8
Total Employment	66.5	66.3	67.1	68.3	70.0	69.3	69.7	69.3	70.0	69.5	69.4	69.7	68.8
Total Unemployment	7.0	6.6	6.8	6.2	5.7	5.5	5.6	5.7	5.9	5.9	5.8	6.3	6.1
Unemployment Rate	9.5	9.0	9.3	8.3	7.6	7.3	7.5	7.6	7.8	7.8	7.8	8.2	8.1
1987													
Civilian Labor Force	74.2	73.5	73.8	73.9	74.5	74.7	74.7	73.9	74.2	74.1	74.2	75.3	74.2
Total Employment	67.5	67.4	68.0	69.1	70.0	70.3	70.6	70.0	70.6	70.4	70.5	70.9	69.6
Total Unemployment	6.7	6.2	5.8	4.9	4.5	4.4	4.1	3.9	3.6	3.7	3.7	4.4	4.7
Unemployment Rate	9.0	8.4	7.8	6.6	6.1	5.9	5.4	5.3	4.8	5.0	5.0	5.8	6.3
1988													
Civilian Labor Force	73.3	73.9	74.0	74.7	76.5	75.7	75.3	74.5	74.0	74.7	75.8	75.0	74.8
Total Employment	68.2	68.4	68.8	69.8	71.9	71.2	71.4	70.9	70.5	71.0	72.1	70.9	70.4
Total Unemployment	5.0	5.5	5.3	4.9	4.6	4.5	4.0	3.7	3.6	3.7	3.7	4.1	4.4
Unemployment Rate	6.9	7.4	7.1	6.6	6.0	6.0	5.2	4.9	4.8	4.9	4.8	5.5	5.8
1989													
Civilian Labor Force	74.1	73.6	74.2	74.8	75.1	75.8	75.9	75.2	75.0	75.4	75.3	76.3	75.1
Total Employment	69.5	69.0	69.8	70.7	71.4	72.0	72.1	71.6	71.5	72.0	71.9	72.1	71.1
Total Unemployment	4.6	4.7	4.5	4.1	3.7	3.7	3.8	3.7	3.5	3.4	3.4	4.2	3.9
Unemployment Rate	6.2	6.3	6.0	5.4	4.9	4.9	5.1	4.9	4.7	4.5	4.5	5.5	5.2
1990													
Civilian Labor Force	74.9	75.4	75.7	76.1	77.6	77.6	76.7	75.6	75.6	76.3			
Total Employment	70.4	70.8	71.8	72.2	73.7	73.6	73.0	72.5	72.4	73.1			
Total Unemployment	4.6	4.6	4.0	3.9	3.9	4.0	3.7	3.1	3.2	3.3			
Unemployment Rate	6.1	6.1	5.2	5.1	5.1	5.1	4.9	4.1	4.2	4.3			

Data for 1988 and 1989 revised to March 1989 benchmark.

Table 8

WEST VIRGINIA LABOR FORCE STATISTICS*
(In Thousands)
FISCAL YEARS 1981 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
1981													
Civilian Labor Force	781.6	769.4	775.8	775.1	769.4	776.0	761.2	759.7	762.2	772.0	777.6	762.1	770.2
Total Employment	711.4	698.8	708.6	708.4	703.5	704.5	681.0	681.6	687.9	689.8	692.0	693.5	696.7
Total Unemployment	70.2	70.6	67.2	66.6	65.9	71.5	80.3	78.1	74.2	82.2	85.6	68.8	73.4
Unemployment Rate	9.0	9.2	8.7	8.6	8.6	9.2	10.5	10.3	9.7	10.6	11.0	9.0	9.5
1982													
Civilian Labor Force	765.2	768.4	769.4	764.0	762.1	762.3	743.7	736.1	738.9	740.9	747.5	750.8	754.1
Total Employment	702.0	701.6	706.0	703.2	699.8	693.2	662.1	657.4	665.0	667.5	675.8	674.0	684.0
Total Unemployment	63.2	66.8	63.4	60.8	62.3	69.1	81.7	78.7	74.0	73.5	71.8	76.8	70.2
Unemployment Rate	8.3	8.7	8.2	8.0	8.2	9.1	11.0	10.7	10.0	9.9	9.6	10.2	9.3
1983													
Civilian Labor Force	758.3	755.4	748.3	751.1	749.2	753.7	741.3	727.6	724.4	736.3	739.6	750.0	744.6
Total Employment	674.5	674.1	666.7	661.7	654.3	647.7	622.8	612.9	618.2	626.8	635.0	643.2	644.8
Total Unemployment	83.8	81.4	81.6	89.6	94.8	105.9	118.5	114.7	106.2	109.6	104.5	106.7	99.8
Unemployment Rate	11.0	10.8	10.9	11.9	12.7	14.1	16.0	15.8	14.7	14.9	14.1	14.2	13.4
1984													
Civilian Labor Force	762.0	766.2	748.6	747.6	746.8	750.2	739.1	729.7	731.5	732.2	738.4	746.4	744.9
Total Employment	648.2	659.2	651.1	651.6	652.4	651.8	631.4	627.9	633.0	641.9	651.8	665.2	647.1
Total Unemployment	113.8	106.9	97.4	96.0	94.4	98.4	107.8	101.8	98.5	90.3	86.6	81.2	97.8
Unemployment Rate	14.9	14.0	13.0	12.8	12.6	13.1	14.6	13.9	13.5	12.3	11.7	10.9	13.1
1985													
Civilian Labor Force	747.0	748.9	739.0	737.2	736.8	736.4	727.4	712.2	717.7	721.5	727.4	728.9	731.7
Total Employment	666.1	672.4	665.6	656.9	655.6	651.0	632.4	623.9	633.6	643.3	653.4	656.4	650.9
Total Unemployment	80.8	76.6	73.5	80.3	81.2	85.4	95.0	88.4	84.1	78.3	74.0	72.5	80.8
Unemployment Rate	10.8	10.2	9.9	10.9	11.0	11.6	13.1	12.4	11.7	10.8	10.2	9.9	11.0
1986													
Civilian Labor Force	730.2	724.1	723.7	719.6	722.0	726.4	707.0	701.2	706.9	707.9	725.2	715.5	717.5
Total Employment	658.7	654.7	659.6	656.8	653.4	655.5	629.3	625.0	631.6	641.0	661.9	652.4	648.3
Total Unemployment	71.5	69.4	64.0	62.8	68.6	70.9	77.7	76.2	75.3	66.9	63.3	63.1	69.1
Unemployment Rate	9.8	9.6	8.8	8.7	9.5	9.8	11.0	10.9	10.7	9.5	8.7	8.8	9.6
1987													
Civilian Labor Force	722.1	706.4	708.6	701.9	704.6	712.9	702.4	698.4	702.0	703.0	704.7	706.7	706.1
Total Employment	659.2	647.5	651.4	647.5	648.0	648.9	629.1	626.2	633.1	640.7	647.9	652.3	644.5
Total Unemployment	63.0	58.9	57.1	54.4	56.6	64.0	73.3	72.2	68.9	62.3	56.8	54.4	61.8
Unemployment Rate	8.7	8.3	8.1	7.7	8.0	9.0	10.4	10.3	9.8	8.9	8.1	7.7	8.8
1988													
Civilian Labor Force	709.3	698.8	698.4	701.8	701.2	708.0	695.1	696.4	701.3	706.4	724.9	715.3	704.6
Total Employment	655.6	649.1	652.5	658.2	656.6	656.0	634.0	635.0	642.3	654.5	674.9	667.8	653.0
Total Unemployment	53.7	49.7	45.9	43.6	44.6	52.0	61.0	61.5	58.9	51.9	49.1	47.5	51.6
Unemployment Rate	7.6	7.1	6.6	6.2	6.4	7.3	8.8	8.8	8.4	7.4	6.8	6.6	7.3
1989													
Civilian Labor Force	716.5	710.3	701.0	699.1	716.2	707.7	703.8	699.4	704.0	707.1	712.1	714.2	707.6
Total Employment	669.2	666.6	660.8	659.5	675.1	662.2	650.5	646.5	653.3	661.3	669.8	672.5	662.3
Total Unemployment	47.3	43.7	40.2	39.6	41.1	45.5	53.3	52.9	50.7	45.8	42.4	41.7	45.4
Unemployment Rate	6.6	6.2	5.7	5.7	5.7	6.4	7.6	7.6	7.2	6.5	6.0	5.8	6.4
1990													
Civilian Labor Force	721.6	707.1	704.7	707.8	709.6	713.3	713.8	712.2	714.3	713.5	731.7	723.1	714.4
Total Employment	674.4	666.1	666.2	671.5	673.9	670.6	659.4	661.5	668.2	670.1	689.8	681.1	671.1
Total Unemployment	47.2	41.1	38.5	36.2	35.7	42.7	54.4	50.6	46.1	43.4	41.9	42.0	43.3
Unemployment Rate	6.5	5.8	5.5	5.1	5.0	6.0	7.6	7.1	6.5	6.1	5.7	5.8	6.1

*Labor Force, Employment, and Unemployment estimates prior to 1970 were prepared using a "work force" rather than "labor force" concept. Effective with the 1970 data the components were adjusted to represent only those employed and/or unemployed workers who reside within West Virginia. An adjustment was also made to discount dual jobholding. This conceptual change was adopted in 1974.
Data for 1988, 1989 and 1990 revised to March 1989 benchmark.

Table 8-A

WEST VIRGINIA LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
LABOR FORCE STATISTICS
(In Thousands)
FISCAL YEARS 1981 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
						1981							
Civilian Labor Force	586.8	576.8	582.1	583.1	578.0	583.3	574.9	573.6	575.6	584.9	589.3	574.0	580.2
Total Employment	532.0	522.3	531.2	531.9	526.6	526.7	511.9	512.0	516.9	517.0	518.8	518.5	522.2
Total Unemployment	54.8	54.5	50.9	51.2	51.4	56.7	63.0	61.6	58.7	67.8	70.4	55.4	58.0
Unemployment Rate	9.3	9.4	8.7	8.8	8.9	9.7	11.0	10.7	10.2	11.6	12.0	9.7	10.0
						1982							
Civilian Labor Force	578.2	579.8	581.2	576.6	574.4	574.9	563.6	557.0	559.3	562.5	566.8	569.6	570.3
Total Employment	527.8	527.3	531.8	530.3	526.7	521.2	499.7	495.5	501.5	504.2	510.1	508.3	515.4
Total Unemployment	50.3	52.6	49.4	46.3	47.6	53.7	63.9	61.5	57.8	58.2	56.7	61.4	55.0
Unemployment Rate	8.7	9.1	8.5	8.0	8.3	9.3	11.3	11.0	10.3	10.4	10.0	10.8	9.6
						1983							
Civilian Labor Force	576.8	574.9	568.7	572.8	570.0	573.5	563.9	552.4	550.0	559.8	561.6	570.3	566.2
Total Employment	509.1	509.7	502.6	500.6	492.8	486.6	467.7	459.0	463.7	470.2	476.9	484.3	485.3
Total Unemployment	67.7	65.2	66.1	72.2	77.1	86.9	96.2	93.4	86.3	89.6	84.7	86.0	81.0
Unemployment Rate	11.7	11.3	11.6	12.6	13.5	15.2	17.1	16.9	15.7	16.0	15.1	15.1	14.3
						1984							
Civilian Labor Force	581.1	582.5	568.8	567.3	566.0	569.1	563.2	554.7	556.3	556.3	560.6	566.2	566.0
Total Employment	488.5	497.3	490.6	491.6	491.4	490.7	476.7	473.9	478.3	485.0	492.0	502.6	488.2
Total Unemployment	92.6	85.2	78.2	75.7	74.6	78.4	86.5	80.9	78.0	71.3	68.5	63.6	77.8
Unemployment Rate	15.9	14.6	13.7	13.3	13.2	13.8	15.4	14.6	14.0	12.8	12.2	11.2	13.7
						1985							
Civilian Labor Force	568.0	568.5	559.5	560.6	560.4	559.8	551.6	540.3	544.5	547.5	552.0	551.5	555.5
Total Employment	504.2	508.8	503.1	497.3	495.6	491.2	476.6	470.3	478.2	486.3	494.7	497.1	491.9
Total Unemployment	63.8	59.7	56.4	63.3	64.8	68.5	75.0	70.1	66.3	61.2	57.3	56.5	63.6
Unemployment Rate	11.2	10.5	10.1	11.3	11.6	12.2	13.6	13.0	12.2	11.2	10.4	10.2	11.4
						1986							
Civilian Labor Force	555.9	550.8	550.6	547.3	551.4	552.9	538.8	534.1	538.1	538.1	551.8	543.8	546.1
Total Employment	498.9	495.4	500.1	497.8	495.4	495.5	475.7	472.2	477.2	484.2	500.8	493.2	490.5
Total Unemployment	57.0	55.4	50.4	49.6	56.0	57.4	63.1	61.9	61.0	54.0	51.0	50.6	55.6
Unemployment Rate	10.3	10.1	9.2	9.1	10.2	10.4	11.7	11.6	11.3	10.0	9.2	9.3	10.2
						1987							
Civilian Labor Force	549.2	535.5	536.6	532.3	534.1	541.0	534.6	531.4	534.1	535.3	536.3	537.1	536.5
Total Employment	498.1	488.5	491.4	489.6	489.3	489.5	475.2	472.6	477.9	484.4	490.2	493.5	486.7
Total Unemployment	51.1	47.0	45.2	42.8	44.8	51.4	59.5	58.8	56.2	50.9	46.1	43.8	49.8
Unemployment Rate	9.3	8.8	8.4	8.0	8.4	9.5	11.1	11.1	10.5	9.5	8.6	8.2	9.3
						1988							
Civilian Labor Force	539.9	530.9	530.7	534.3	533.4	538.6	529.0	529.1	533.6	537.6	551.6	544.5	536.1
Total Employment	496.1	491.0	493.8	499.6	497.7	496.5	479.5	479.8	486.2	496.3	512.5	506.7	494.6
Total Unemployment	43.8	40.0	36.9	34.7	35.7	42.2	49.5	49.3	47.4	41.4	39.1	37.8	41.5
Unemployment Rate	8.1	7.5	7.0	6.5	6.7	7.8	9.4	9.3	8.9	7.7	7.1	6.9	7.7
						1989							
Civilian Labor Force	546.0	540.9	533.4	532.0	545.7	538.2	536.3	532.7	536.7	538.7	542.8	544.0	539.0
Total Employment	507.7	505.9	501.4	500.6	512.7	501.8	493.3	490.2	495.9	501.9	508.8	510.4	502.5
Total Unemployment	38.4	35.0	31.9	31.4	33.0	36.5	43.0	42.5	40.8	36.9	34.1	33.6	36.4
Unemployment Rate	7.0	6.5	6.0	5.9	6.0	6.8	8.0	8.0	7.6	6.8	6.3	6.2	6.8
						1990							
Civilian Labor Force	551.7	538.9	537.1	539.9	541.1	543.4	544.5	542.4	543.3	542.2	556.4	548.8	544.1
Total Employment	512.5	505.5	506.0	510.6	512.1	508.7	499.7	501.2	505.6	507.0	522.7	515.0	508.9
Total Unemployment	39.2	33.4	31.1	29.3	29.0	34.7	44.8	41.2	37.7	35.2	33.7	33.8	35.1
Unemployment Rate	7.1	6.2	5.8	5.4	5.4	6.4	8.2	7.6	6.9	6.5	6.1	6.2	6.5

Data for 1988, 1989 and 1990 revised to March 1989 benchmark.

Table 8-B

KANAWHA COUNTY SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
(In Thousands)
FISCAL YEARS 1981 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
						1981							
Civilian Labor Force	106.8	105.7	106.5	105.6	105.4	106.5	103.2	102.7	102.6	103.4	104.1	103.3	104.6
Total Employment	99.6	97.8	98.1	97.6	97.7	98.4	93.5	93.5	94.1	95.0	95.1	95.7	96.3
Total Unemployment	7.2	7.9	8.4	7.9	7.7	8.2	9.7	9.2	8.4	8.4	9.0	7.6	8.3
Unemployment Rate	6.7	7.5	7.9	7.5	7.3	7.7	9.4	8.9	8.2	8.1	8.7	7.3	7.9
						1982							
Civilian Labor Force	102.6	103.7	103.8	102.5	102.6	102.9	99.4	98.7	99.4	98.9	100.1	100.3	101.2
Total Employment	95.7	95.9	96.1	95.6	95.8	95.9	91.1	90.8	92.0	91.7	93.6	93.1	93.9
Total Unemployment	6.9	7.8	7.7	6.9	6.7	6.9	8.3	8.0	7.5	7.2	6.6	7.1	7.3
Unemployment Rate	6.8	7.6	7.4	6.8	6.6	6.7	8.3	8.1	7.5	7.3	6.6	7.1	7.2
						1983							
Civilian Labor Force	101.0	100.6	100.2	99.0	99.8	100.2	97.9	97.1	96.9	98.5	99.0	99.7	99.1
Total Employment	91.2	92.6	92.4	90.2	90.7	90.6	87.2	86.5	86.9	88.0	88.9	89.6	89.7
Total Unemployment	7.8	8.0	7.8	8.8	9.1	9.6	10.7	10.5	10.0	10.4	10.1	10.7	9.5
Unemployment Rate	7.7	7.9	7.7	8.9	9.1	9.6	11.0	10.9	10.3	10.6	10.2	10.7	9.5
						1984							
Civilian Labor Force	101.0	103.6	100.6	100.9	101.3	101.1	98.4	97.8	98.2	98.6	99.2	100.3	100.1
Total Employment	90.2	91.8	91.1	90.6	91.1	91.1	87.4	87.0	87.3	88.4	89.7	91.2	89.7
Total Unemployment	10.8	11.8	9.5	10.2	10.2	10.1	11.0	10.8	10.9	10.2	9.6	9.2	10.3
Unemployment Rate	10.7	11.4	9.4	10.1	10.0	10.0	11.2	11.1	11.1	10.3	9.7	9.1	10.3
						1985							
Civilian Labor Force	100.8	101.8	101.4	99.7	99.1	99.7	98.4	96.3	97.1	97.2	97.9	98.0	98.9
Total Employment	91.7	92.6	92.3	90.6	90.6	90.5	88.0	86.6	87.9	88.7	89.4	89.8	89.9
Total Unemployment	9.1	9.2	9.1	9.2	8.5	9.2	10.3	9.8	9.2	8.5	8.5	8.2	9.1
Unemployment Rate	9.0	9.0	8.9	9.2	8.5	9.2	10.5	10.1	9.5	8.8	8.7	8.4	9.1
						1986							
Civilian Labor Force	98.2	97.7	97.4	96.5	96.5	97.7	94.8	94.2	94.8	95.4	97.8	97.0	96.5
Total Employment	90.9	90.3	90.5	89.9	90.1	90.9	87.1	86.5	87.3	88.6	91.1	89.9	89.4
Total Unemployment	7.3	7.4	6.9	6.6	6.4	6.8	7.6	7.7	7.5	6.8	6.6	7.0	7.1
Unemployment Rate	7.5	7.6	7.1	6.8	6.6	7.0	8.1	8.2	7.9	7.1	6.8	7.3	7.3
						1987							
Civilian Labor Force	97.6	96.0	96.1	94.2	95.2	95.9	93.6	93.5	94.0	91.8	93.9	94.7	94.9
Total Employment	91.3	89.7	90.1	88.5	89.3	89.6	86.5	86.3	87.2	87.3	87.7	88.6	88.5
Total Unemployment	6.3	6.3	6.0	5.7	5.9	6.3	7.1	7.2	6.9	6.5	6.2	6.1	6.4
Unemployment Rate	6.4	6.6	6.3	6.1	6.2	6.6	7.6	7.7	7.3	7.0	6.6	6.5	6.7
						1988							
Civilian Labor Force	94.7	94.0	93.5	93.4	93.6	94.1	92.8	93.4	93.6	94.1	96.0	95.2	94.0
Total Employment	88.9	88.2	88.1	88.2	88.5	88.6	86.3	86.8	87.4	88.5	90.5	90.0	88.3
Total Unemployment	5.9	5.9	5.4	5.2	5.1	5.5	6.5	6.6	6.3	5.6	5.5	5.2	5.7
Unemployment Rate	6.2	6.2	5.8	5.6	5.5	5.8	7.0	7.1	6.7	6.0	5.7	5.5	6.1
						1989							
Civilian Labor Force	95.1	94.9	93.6	92.4	94.7	94.4	93.4	93.1	93.0	93.6	94.2	94.4	93.9
Total Employment	90.2	89.8	88.9	88.0	90.2	89.5	87.6	87.4	87.6	88.7	89.6	90.0	89.0
Total Unemployment	4.9	5.1	4.7	4.5	4.5	4.9	5.8	5.8	5.4	4.9	4.6	4.4	5.0
Unemployment Rate	5.2	5.3	5.0	4.8	4.7	5.2	6.2	6.2	5.8	5.2	4.9	4.7	5.3
						1990							
Civilian Labor Force	93.9	93.0	92.6	92.5	93.2	93.7	94.4	94.3	95.2	95.2	97.8	96.7	94.4
Total Employment	89.8	89.0	88.7	89.0	89.9	89.8	89.4	89.5	90.8	90.9	93.5	92.5	90.2
Total Unemployment	4.1	4.0	3.9	3.5	3.3	3.9	5.0	4.8	4.5	4.3	4.3	4.2	4.2
Unemployment Rate	4.4	4.3	4.2	3.8	3.6	4.1	5.3	5.1	4.7	4.6	4.4	4.3	4.4

Data for 1988, 1989 and 1990 revised to March 1989 benchmark.

Table 8-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
(In Thousands)
FISCAL YEARS 1981 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
						1981							
Civilian Labor Force	88.0	86.9	87.1	86.3	86.0	86.1	83.1	83.5	84.0	84.7	84.3	84.8	85.1
Total Employment	79.8	78.7	79.2	78.8	79.2	79.4	75.5	76.1	76.9	77.7	78.1	79.1	78.2
Total Unemployment	8.2	8.2	7.9	7.5	6.7	6.7	7.6	7.4	7.1	6.0	6.2	5.8	7.1
Unemployment Rate	9.3	9.5	9.1	8.7	7.8	7.7	9.1	8.8	8.4	7.2	7.3	6.8	8.3
						1982							
Civilian Labor Force	84.4	84.9	84.4	84.9	85.1	84.6	80.8	80.4	80.2	79.6	80.6	80.8	82.6
Total Employment	78.5	78.5	78.2	77.3	77.2	76.1	71.3	71.1	71.5	71.6	72.1	72.5	74.7
Total Unemployment	5.9	6.4	6.3	7.5	7.9	8.5	9.5	9.3	8.7	8.0	8.5	8.3	7.9
Unemployment Rate	7.0	7.5	7.5	8.9	9.3	10.0	11.8	11.5	10.9	10.1	10.5	10.3	9.6
						1983							
Civilian Labor Force	80.5	80.0	79.4	79.5	79.5	80.0	79.4	78.1	77.5	78.1	79.0	80.0	79.3
Total Employment	72.2	71.8	71.7	70.9	70.8	70.6	67.9	67.3	67.7	68.6	69.2	69.9	69.9
Total Unemployment	8.3	8.2	7.7	8.6	8.6	9.4	11.6	10.8	9.9	9.5	9.8	10.1	9.4
Unemployment Rate	10.4	10.2	9.7	10.8	10.9	11.8	14.5	13.8	12.8	12.2	12.3	12.6	11.8
						1984							
Civilian Labor Force	79.9	80.1	79.1	79.4	79.5	79.8	77.5	77.2	77.0	77.3	78.6	79.9	78.8
Total Employment	69.5	70.1	69.4	69.4	69.9	69.9	67.2	67.1	67.4	68.5	70.1	71.4	69.2
Total Unemployment	10.4	10.0	9.7	10.0	9.6	9.9	10.3	10.1	9.6	8.9	8.5	8.4	9.6
Unemployment Rate	11.0	12.4	12.3	12.6	12.1	12.4	13.3	13.1	12.5	11.5	10.8	10.6	12.2
						1985							
Civilian Labor Force	78.1	78.7	78.2	76.9	77.3	77.0	77.5	75.6	76.1	76.8	77.6	77.4	77.3
Total Employment	70.1	71.0	70.1	69.1	69.3	69.3	67.8	67.1	67.6	68.3	69.4	69.6	69.1
Total Unemployment	8.0	7.7	8.1	7.8	7.9	7.7	9.7	8.5	8.5	8.6	8.2	7.9	8.2
Unemployment Rate	10.2	9.8	10.4	10.1	10.3	10.0	12.5	11.3	11.2	11.1	10.6	10.2	10.6
						1986							
Civilian Labor Force	76.0	75.6	75.7	75.7	74.1	75.8	73.5	72.9	73.9	74.4	75.7	74.8	74.9
Total Employment	69.0	69.1	69.0	69.1	67.9	69.1	66.5	66.3	67.1	68.3	70.8	69.1	68.4
Total Unemployment	7.1	6.6	6.7	6.6	6.2	6.7	7.0	6.6	6.8	6.2	5.7	5.5	6.5
Unemployment Rate	9.3	8.7	8.9	8.8	8.3	8.8	9.5	9.0	9.3	8.3	7.6	7.3	8.6
						1987							
Civilian Labor Force	75.4	74.9	75.9	75.4	75.3	76.0	74.2	73.5	73.8	73.9	74.5	74.7	74.8
Total Employment	69.7	69.3	70.0	69.5	69.4	69.7	67.5	67.4	68.0	69.1	70.0	70.3	69.2
Total Unemployment	5.6	5.7	5.9	5.9	5.8	6.3	6.7	6.2	5.8	4.9	4.5	4.4	5.6
Unemployment Rate	7.5	7.6	7.8	7.8	7.8	8.2	9.0	8.4	7.8	6.6	6.1	5.9	7.5
						1988							
Civilian Labor Force	74.7	73.9	74.2	74.1	74.2	75.3	73.3	73.9	74.0	74.7	76.5	75.7	74.5
Total Employment	70.6	70.0	70.6	70.4	70.5	70.9	68.2	68.4	68.8	69.8	71.9	71.2	70.1
Total Unemployment	4.1	3.9	3.6	3.7	3.7	4.4	5.0	5.5	5.3	4.9	4.6	4.5	4.4
Unemployment Rate	5.4	5.3	4.8	5.0	5.0	5.8	6.9	7.4	7.1	6.6	6.0	6.0	5.9
						1989							
Civilian Labor Force	75.3	74.5	74.0	74.7	75.8	75.0	74.1	73.6	74.2	74.8	75.1	75.8	74.8
Total Employment	71.4	70.9	70.5	71.0	72.1	70.9	69.5	69.0	69.8	70.7	71.4	72.0	70.8
Total Unemployment	4.0	3.7	3.6	3.7	3.7	4.1	4.6	4.7	4.5	4.1	3.7	3.7	4.0
Unemployment Rate	5.2	4.9	4.8	4.9	4.8	5.5	6.2	6.3	6.0	5.4	4.9	4.9	5.3
						1990							
Civilian Labor Force	75.9	75.2	75.0	75.4	75.3	76.3	74.9	75.4	75.7	76.1	77.6	77.6	75.9
Total Employment	72.1	71.6	71.5	72.0	71.9	72.1	70.4	70.8	71.8	72.2	73.7	74.6	72.0
Total Unemployment	3.8	3.7	3.5	3.4	3.4	4.2	4.6	4.6	4.0	3.9	3.9	4.0	3.9
Unemployment Rate	5.1	4.9	4.7	4.5	4.5	5.5	6.1	6.1	5.2	5.1	5.1	5.1	5.2

Data for 1988, 1989 and 1990 revised to March 1989 benchmark.

Table 9

WEST VIRGINIA LABOR FORCE STATISTICS
(In Thousands)
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
CALENDAR YEARS 1976 - 1983

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						1976							
Civilian Labor Force	680.1	680.5	683.8	692.3	710.1	707.8	718.4	701.7	701.9	700.1	700.4	698.9	697.0
Total Employment	616.3	618.7	627.5	641.0	662.3	657.5	664.2	651.9	657.9	655.6	652.3	647.0	646.0
Total Unemployment	63.8	61.8	56.3	51.3	47.8	50.3	54.1	49.8	44.1	44.5	48.2	52.0	52.0
Unemployment Rate	9.4	9.1	8.2	7.4	6.7	7.1	7.5	7.1	6.3	6.4	6.9	7.4	7.5
						1977							
Civilian Labor Force	684.6	702.6	689.6	701.7	704.9	712.0	719.2	723.8	715.5	709.2	708.9	723.9	708.0
Total Employment	620.8	614.1	632.8	652.8	665.6	673.2	674.1	680.6	674.4	670.9	668.5	668.2	658.6
Total Unemployment	63.8	88.5	56.8	48.9	39.3	38.8	45.0	43.2	41.1	38.4	40.4	55.7	50.0
Unemployment Rate	9.3	12.6	8.2	7.0	5.6	5.5	6.3	6.0	5.7	5.4	5.7	7.7	7.1
						1978							
Civilian Labor Force	711.4	702.6	718.1	727.7	732.2	751.8	757.3	749.9	756.9	755.1	764.8	764.1	741.0
Total Employment	654.3	645.7	654.4	677.6	689.4	716.1	720.3	713.3	712.8	720.3	718.7	717.1	695.0
Total Unemployment	57.1	56.8	63.8	50.0	42.8	35.7	37.0	36.6	44.1	34.8	46.2	47.0	46.0
Unemployment Rate	8.0	8.1	8.9	6.9	5.8	4.7	4.9	4.9	5.8	4.6	6.0	6.2	6.2
						1979							
Civilian Labor Force	746.4	751.7	756.5	758.2	769.6	790.4	783.5	790.6	793.8	780.5	778.6	776.3	773.0
Total Employment	689.0	689.7	698.9	705.8	720.8	738.4	737.8	743.2	740.5	730.3	731.2	726.3	721.6
Total Unemployment	57.3	62.1	57.7	52.4	48.8	51.9	45.6	47.4	53.3	50.2	47.3	50.0	52.0
Unemployment Rate	7.7	8.3	7.6	6.9	6.3	6.6	5.8	6.0	6.7	6.4	6.1	6.4	6.7
						1980							
Civilian Labor Force	780.0	777.8	785.2	789.6	788.5	799.8	804.2	791.1	787.4	784.7	788.2	779.4	788.0
Total Employment	704.3	704.2	703.8	715.6	718.9	731.2	729.9	716.5	713.8	712.2	710.8	706.9	714.0
Total Unemployment	75.8	73.6	81.4	74.0	69.6	68.6	74.3	74.6	73.6	72.6	77.4	72.6	74.0
Unemployment Rate	9.7	9.5	10.4	9.4	8.8	8.6	9.2	9.4	9.3	9.2	9.8	9.3	9.4
						1981							
Civilian Labor Force	793.4	788.1	795.3	794.3	782.8	795.9	792.1	784.7	779.9	776.5	781.4	779.2	787.0
Total Employment	692.2	691.3	699.5	699.3	699.5	709.5	724.1	716.2	707.3	702.6	699.9	694.9	703.0
Total Unemployment	101.1	96.8	96.0	95.0	83.2	86.4	68.0	68.6	72.6	73.9	81.6	84.8	84.0
Unemployment Rate	12.7	12.3	12.1	12.0	10.6	10.9	8.6	8.7	9.3	9.5	10.4	10.9	10.7
						1982							
Civilian Labor Force	766.1	770.7	770.6	769.3	773.5	781.6	792.1	778.9	762.8	773.2	770.4	778.6	774.0
Total Employment	673.5	673.9	675.0	675.7	679.9	679.8	685.1	678.5	653.5	644.9	636.8	635.5	666.0
Total Unemployment	92.6	96.8	95.6	93.6	93.6	101.8	107.0	100.4	109.3	128.4	133.6	143.3	108.0
Unemployment Rate	12.1	12.6	12.4	12.2	12.1	13.0	13.5	12.9	14.3	16.6	17.3	18.4	13.9
						1983							
Civilian Labor Force	774.6	767.3	770.3	767.2	775.4	775.7	777.5	791.3	761.7	766.4	765.2	761.4	771.0
Total Employment	618.8	611.0	619.4	621.9	633.7	637.2	644.9	655.4	632.1	634.0	635.4	640.1	632.0
Total Unemployment	155.8	156.4	151.0	145.3	139.7	138.5	132.5	135.8	129.6	132.3	129.9	121.2	139.0
Unemployment Rate	20.1	20.4	19.6	18.9	18.1	17.9	17.0	17.2	17.0	17.3	17.0	15.9	18.0

Table 9 (cont.)

WEST VIRGINIA LABOR FORCE STATISTICS
(In Thousands)
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
CALENDAR YEARS 1984 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						1984							
Civilian Labor Force	759.0	756.2	753.9	755.7	761.0	783.4	783.2	783.8	765.5	767.6	767.9	766.9	768.0
Total Employment	624.9	626.7	630.0	643.9	651.4	667.3	673.4	674.3	661.0	656.2	656.8	658.4	652.0
Total Unemployment	134.1	129.5	123.9	111.8	109.6	116.1	109.7	109.8	104.5	111.4	111.2	108.5	115.0
Unemployment Rate	17.7	17.1	16.4	14.8	14.4	14.8	14.0	14.0	13.7	14.5	14.5	14.1	15.0
						1985							
Civilian Labor Force	757.0	757.1	754.7	766.4	775.0	777.9	781.6	766.9	766.4	758.6	755.1	754.1	766.0
Total Employment	647.2	643.4	645.7	655.5	663.9	673.1	681.7	676.1	676.4	672.5	666.1	667.9	666.0
Total Unemployment	109.8	113.7	109.0	110.9	109.1	104.6	99.9	90.6	90.0	86.1	91.2	85.2	100.0
Unemployment Rate	14.5	15.0	14.4	14.5	14.1	13.4	12.8	11.8	11.7	11.3	12.1	11.3	13.1
						1986							
Civilian Labor Force	733.4	729.9	738.4	744.2	751.8	752.2	761.6	753.4	743.6	737.7	738.5	739.5	741.0
Total Employment	640.8	635.2	637.0	640.2	659.3	666.1	672.1	669.9	662.3	657.0	660.2	659.9	655.0
Total Unemployment	92.5	94.7	101.4	94.0	92.5	86.1	91.5	83.5	81.3	80.7	78.1	79.6	88.0
Unemployment Rate	12.6	13.0	13.7	12.8	12.3	11.4	12.0	11.1	10.9	10.9	10.6	10.8	11.8
						1987							
Civilian Labor Force	736.2	744.5	749.7	746.7	754.2	769.9	766.4	757.4	747.5	748.2	746.9	742.6	750.0
Total Employment	649.8	649.6	658.4	668.6	674.1	686.7	688.1	674.5	668.3	671.1	672.9	665.9	669.0
Total Unemployment	86.4	94.9	91.2	78.0	80.1	83.2	78.2	82.9	79.2	77.1	74.0	66.7	81.0
Unemployment Rate	11.7	12.7	12.2	10.5	10.6	10.8	10.2	10.9	10.6	10.3	9.9	9.1	10.8
						1988							
Civilian Labor Force	729.5	720.6	726.1	729.8	745.5	745.0	746.5	746.3	733.4	745.2	752.2	747.9	739.0
Total Employment	643.9	643.1	649.3	655.1	669.1	672.3	672.1	675.9	662.6	669.2	685.6	681.8	665.0
Total Unemployment	85.6	77.4	76.8	74.8	76.4	72.6	74.4	70.4	70.8	75.9	66.7	66.2	74.0
Unemployment Rate	11.7	10.7	10.6	10.2	10.3	9.7	10.0	9.4	9.7	10.2	8.9	8.8	9.9
						1989							
Civilian Labor Force	747.1	754.3	755.8	762.6	770.0	780.2	778.9	771.0	766.7	777.9	773.4	767.5	767.0
Total Employment	679.9	678.9	689.2	696.8	704.7	714.8	720.3	712.4	707.0	704.6	706.6	702.9	703.0
Total Unemployment	67.2	74.4	66.1	65.8	65.3	65.4	58.6	58.7	65.7	73.3	66.8	64.7	66.0
Unemployment Rate	9.0	9.9	8.8	8.6	8.5	8.4	7.5	7.6	8.6	9.4	8.6	8.4	8.6
						1990							
Civilian Labor Force	757.9	753.8	756.1	753.8	771.1	777.8	780.4	776.1	765.2	766.1			
Total Employment	689.1	690.5	698.8	703.0	714.2	725.9	724.5	708.8	696.1	703.9			
Total Unemployment	68.7	63.3	57.3	50.8	56.9	52.0	55.9	67.2	69.1	62.2			
Unemployment Rate	9.1	8.4	7.6	6.7	7.4	6.7	7.2	8.7	9.0	8.1			

*Calculated according to Current Population Survey adjusted to BLS procedures.
March 1989 Benchmark

Table 9-A

WEST VIRGINIA, EFD: KANAWHA COUNTY SERVICE DELIVERY AREA
EFD: NORTHERN PANHANDLE SERVICE DELIVERY AREA,
LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
CALENDAR YEARS 1980 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
						1980							
Civilian Labor Force	581.5	579.4	581.5	589.9	588.5	594.9	600.9	586.6	590.8	593.1	590.6	595.6	589.4
Total Employment	520.1	518.5	524.8	534.2	538.5	539.3	538.5	529.4	536.5	537.8	532.5	530.7	531.7
Total Unemployment	61.4	60.9	56.7	55.7	50.1	55.5	62.4	57.2	54.3	55.3	58.1	64.9	57.7
Unemployment Rate	10.6	10.5	9.8	9.4	8.5	9.3	10.4	9.8	9.2	9.3	9.8	10.9	9.8
						1981							
Civilian Labor Force	594.6	592.0	593.1	613.6	611.6	595.2	597.1	589.8	589.6	586.0	584.6	588.7	594.6
Total Employment	517.4	517.6	523.1	524.0	524.9	526.4	536.4	535.7	538.8	535.2	529.6	525.2	527.9
Total Unemployment	77.2	74.4	69.9	89.6	86.7	68.8	60.7	54.1	50.8	50.8	55.0	63.4	66.8
Unemployment Rate	13.0	12.6	11.8	14.6	14.2	11.6	10.2	9.2	8.6	8.7	9.4	10.8	11.2
						1982							
Civilian Labor Force	582.5	574.5	574.3	578.1	580.0	587.2	595.4	590.3	584.2	588.6	589.9	595.8	585.1
Total Employment	502.4	498.5	502.5	505.2	507.1	507.1	508.7	507.4	497.6	494.8	487.6	481.2	500.0
Total Unemployment	80.1	76.0	71.7	72.9	72.9	80.1	86.7	82.9	86.6	93.8	102.3	114.6	85.1
Unemployment Rate	13.7	13.2	12.5	12.6	12.6	13.6	14.6	14.0	14.8	15.9	17.3	19.2	14.5
						1983							
Civilian Labor Force	592.0	588.8	586.8	587.6	585.8	587.1	595.9	596.7	576.7	576.8	575.9	580.4	585.9
Total Employment	460.7	453.5	458.3	464.7	469.9	474.7	481.2	490.0	482.7	484.7	483.6	482.8	473.9
Total Unemployment	131.3	135.3	128.6	122.9	115.9	112.4	114.8	106.8	94.1	92.1	92.2	97.6	112.0
Unemployment Rate	22.2	23.0	21.9	20.9	19.8	19.2	19.3	17.9	16.3	16.0	16.0	16.8	19.1
						1984							
Civilian Labor Force	584.6	576.0	577.0	578.2	580.9	583.2	588.9	586.2	576.6	576.2	575.4	597.1	584.9
Total Employment	473.4	472.0	478.2	487.0	494.1	502.1	505.1	509.5	505.8	503.2	499.5	497.4	494.0
Total Unemployment	111.2	104.0	98.7	91.2	86.8	81.1	83.6	76.6	70.8	73.1	93.9	99.9	90.9
Unemployment Rate	19.0	18.1	17.1	15.8	14.9	13.9	14.2	13.1	12.3	15.6	15.8	16.7	15.5
						1985							
Civilian Labor Force	588.6	582.5	578.2	577.8	579.0	582.7	590.7	576.0	577.6	577.7	584.7	579.8	581.3
Total Employment	483.3	478.8	487.4	497.8	508.3	512.0	512.9	509.6	513.6	510.4	505.8	504.8	502.1
Total Unemployment	105.3	103.6	90.7	80.0	70.7	70.7	77.8	66.4	64.0	67.3	78.9	75.0	79.2
Unemployment Rate	17.9	17.8	15.7	13.8	12.2	12.1	13.2	11.5	11.1	11.6	13.5	12.9	13.6
						1986							
Civilian Labor Force	569.0	566.9	564.6	562.9	574.0	565.3	573.8	556.1	557.9	557.4	563.9	571.2	565.3
Total Employment	483.3	479.2	483.7	490.3	506.5	498.8	503.8	494.1	498.3	497.8	498.8	500.4	494.6
Total Unemployment	85.8	87.8	80.9	72.6	67.4	66.5	70.0	62.0	59.6	59.6	65.1	70.8	70.7
Unemployment Rate	15.1	15.5	14.3	12.9	11.8	11.8	12.2	11.1	10.7	10.7	11.5	12.4	12.5
						1987							
Civilian Labor Force	560.7	565.8	570.5	569.5	574.6	583.6	582.8	573.8	568.3	570.8	572.6	563.1	571.3
Total Employment	489.7	488.6	495.7	504.8	509.4	517.8	518.4	507.6	505.4	510.9	515.6	507.7	505.8
Total Unemployment	71.0	77.2	74.8	64.7	65.1	65.8	64.4	66.2	62.9	60.0	59.0	55.4	65.5
Unemployment Rate	12.7	13.6	13.1	11.4	11.3	11.3	11.0	11.5	11.1	10.5	10.3	9.8	11.5
						1988							
Civilian Labor Force	556.4	548.1	553.3	556.2	568.9	567.8	570.3	569.3	559.0	568.3	574.2	569.7	563.4
Total Employment	486.9	486.0	491.5	496.7	508.1	510.1	509.9	513.0	502.8	507.9	520.7	516.6	504.2
Total Unemployment	69.5	62.2	61.8	59.5	60.8	57.7	60.4	56.3	56.2	60.3	53.5	53.0	59.3
Unemployment Rate	12.5	11.3	11.2	10.7	10.7	10.2	10.6	9.9	10.1	10.6	9.3	9.3	10.5
						1989							
Civilian Labor Force	569.8	574.5	576.4	581.8	587.7	595.2	596.1	588.4	585.5	595.1	591.2	585.6	585.6
Total Employment	515.6	514.7	523.2	528.8	535.3	542.6	547.4	540.6	532.4	535.8	536.9	533.1	532.2
Total Unemployment	54.2	59.7	53.2	53.0	52.4	52.6	48.7	47.8	53.1	59.3	54.3	52.5	53.4
Unemployment Rate	9.5	10.4	9.2	9.1	8.9	8.8	8.2	8.1	9.1	10.0	9.2	9.0	9.1
						1990							
Civilian Labor Force	578.8	574.7	575.6	571.0	586.9	590.6	591.4	589.8	582.4	583.7			
Total Employment	522.2	523.2	528.8	531.9	541.2	548.8	547.6	534.1	525.9	532.5			
Total Unemployment	56.6	51.5	46.8	41.2	45.7	41.8	45.8	55.7	56.5	51.2			
Unemployment Rate	9.8	9.0	8.1	7.2	7.8	7.1	7.7	9.4	9.7	8.8			

*Calculated according to Current Population Survey adjusted to BLS procedures.
March 1989 Benchmark

Table 9-8

KANAWHA COUNTY SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
CALENDAR YEARS 1980 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
						1980							
Civilian Labor Force	110.2	108.9	109.2	109.9	110.9	112.5	111.7	110.1	110.9	109.7	110.0	110.8	110.4
Total Employment	102.5	101.1	101.9	102.9	103.6	104.6	103.9	102.1	102.1	101.4	101.5	101.8	102.4
Total Unemployment	7.7	7.8	7.3	7.0	7.4	8.0	7.8	8.0	8.7	8.3	8.5	9.0	7.9
Unemployment Rate	7.0	7.1	6.7	6.4	6.6	7.1	7.0	7.2	7.9	7.5	7.7	8.1	7.2
						1981							
Civilian Labor Force	108.6	107.9	107.7	109.7	109.8	109.4	108.5	108.4	108.2	106.6	106.7	107.3	108.2
Total Employment	97.0	97.1	97.9	99.1	99.1	100.4	100.5	100.6	100.6	99.3	99.2	99.4	99.2
Total Unemployment	11.6	10.8	9.7	10.6	10.7	9.0	8.0	7.8	7.7	7.3	7.5	7.9	9.0
Unemployment Rate	10.7	10.0	9.0	9.7	9.7	8.2	7.4	7.2	7.1	6.9	7.1	7.4	8.4
						1982							
Civilian Labor Force	104.9	104.1	104.3	103.9	104.5	105.3	106.8	105.9	104.8	104.8	104.5	104.8	104.9
Total Employment	94.4	94.2	95.0	94.8	96.0	95.9	96.7	95.6	94.5	93.2	92.4	92.1	94.6
Total Unemployment	10.4	9.9	9.3	9.1	8.5	9.4	10.1	10.2	10.3	11.6	12.1	12.7	10.3
Unemployment Rate	9.9	9.5	8.9	8.7	8.2	8.9	9.4	9.7	9.8	11.1	11.6	12.1	9.8
						1983							
Civilian Labor Force	103.1	103.4	103.4	104.0	104.0	103.9	105.5	108.5	103.8	104.5	104.8	104.9	104.5
Total Employment	88.5	88.1	88.5	89.6	90.2	89.9	92.0	93.7	92.4	92.0	92.2	92.2	90.8
Total Unemployment	14.8	15.4	14.9	14.4	13.8	14.0	13.5	14.8	11.5	12.5	12.6	12.7	13.7
Unemployment Rate	14.3	14.9	14.4	13.8	13.3	13.5	12.8	13.6	11.0	12.0	12.0	12.1	13.1
						1984							
Civilian Labor Force	99.6	99.2	99.6	100.4	100.7	101.3	102.4	103.1	102.7	103.6	102.1	103.5	101.5
Total Employment	85.5	85.2	85.9	87.4	88.6	89.6	90.4	91.3	91.3	90.1	89.8	90.1	88.8
Total Unemployment	14.1	13.9	13.7	13.0	12.1	11.7	11.9	11.8	11.4	13.5	12.3	13.4	12.7
Unemployment Rate	14.2	14.1	13.8	13.0	12.0	11.5	11.7	11.5	11.1	13.0	12.0	13.0	12.6
						1985							
Civilian Labor Force	103.9	102.7	102.3	102.1	102.4	102.9	103.7	101.9	101.8	101.3	101.2	101.6	102.3
Total Employment	89.4	88.3	89.7	90.9	91.9	92.6	93.6	93.0	93.0	92.4	92.2	92.7	91.7
Total Unemployment	14.5	14.4	12.6	11.1	10.5	10.3	10.0	8.9	8.8	8.9	9.0	8.9	10.7
Unemployment Rate	14.0	14.1	12.3	10.9	10.2	10.0	9.7	8.7	8.6	8.8	8.9	8.8	10.4
						1986							
Civilian Labor Force	99.1	98.9	98.6	99.0	101.2	100.4	101.2	99.3	99.5	98.0	99.7	100.1	99.6
Total Employment	88.7	87.9	88.7	89.8	92.4	91.1	92.6	91.0	91.5	90.0	91.1	91.7	90.5
Total Unemployment	10.4	11.0	9.9	9.2	8.8	9.2	8.6	8.3	8.0	8.0	8.6	8.7	9.1
Unemployment Rate	10.5	11.1	10.1	9.3	8.7	9.2	8.5	8.4	8.0	8.1	8.6	8.6	9.1
						1987							
Civilian Labor Force	97.8	98.8	99.7	99.4	100.0	102.4	101.8	101.2	99.7	99.4	100.0	98.0	99.9
Total Employment	89.3	89.4	90.6	91.1	91.3	93.2	93.1	91.5	90.4	90.4	91.5	90.8	91.0
Total Unemployment	8.5	9.4	9.1	8.3	8.7	9.2	8.6	9.7	9.3	9.0	8.5	7.2	8.8
Unemployment Rate	8.7	9.5	9.2	8.3	8.7	9.0	8.5	9.6	9.3	9.1	8.5	7.4	8.8
						1988							
Civilian Labor Force	96.8	96.2	96.5	96.7	98.2	98.6	98.3	99.2	97.4	97.8	98.9	99.3	97.8
Total Employment	87.7	87.9	88.3	88.6	89.7	90.6	90.6	91.1	89.1	89.3	91.6	92.2	89.7
Total Unemployment	9.1	8.4	8.2	8.1	8.5	8.0	7.7	8.2	8.3	8.6	7.4	7.1	8.1
Unemployment Rate	9.4	8.7	8.5	8.4	8.6	8.1	7.9	8.2	8.5	8.8	7.4	7.2	8.3
						1989							
Civilian Labor Force	98.8	99.8	99.5	100.5	101.4	102.6	101.1	100.9	100.0	100.5	100.5	100.0	100.5
Total Employment	91.6	91.8	92.4	93.5	94.3	95.7	95.9	95.2	93.4	93.3	94.3	94.2	93.8
Total Unemployment	7.2	8.1	7.1	7.0	7.1	6.9	5.1	5.7	6.6	7.2	6.2	5.8	6.7
Unemployment Rate	7.3	8.1	7.1	7.0	7.0	6.8	5.1	5.6	6.6	7.1	6.2	5.8	6.6
						1990							
Civilian Labor Force	99.7	99.4	100.5	100.4	102.6	103.8	104.2	104.2	102.0	101.7			
Total Employment	93.4	93.4	94.9	95.1	96.8	98.6	99.1	98.0	95.2	95.9			
Total Unemployment	6.3	6.0	5.6	5.1	5.8	5.2	5.1	6.2	6.8	5.9			
Unemployment Rate	6.4	6.0	5.5	5.1	5.7	5.0	4.9	5.9	6.7	5.8			

*Calculated according to Current Population Survey adjusted to BLS procedures.
March 1989 Benchmark

Table 9-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA,
LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
CALENDAR YEARS 1980 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
						1980							
Civilian Labor Force	87.5	87.1	87.4	88.3	89.2	90.1	90.0	88.2	88.4	87.3	87.4	87.2	88.2
Total Employment	78.7	79.1	80.0	80.8	81.1	81.0	80.3	79.3	79.7	79.0	79.5	79.4	79.8
Total Unemployment	8.8	8.0	7.4	7.5	8.1	9.1	9.7	8.9	8.7	8.4	7.8	7.7	8.3
Unemployment Rate	10.1	9.2	8.5	8.5	9.1	10.1	10.7	10.1	9.8	9.6	9.0	8.9	9.5
						1981							
Civilian Labor Force	85.3	85.3	85.7	86.2	86.1	87.3	86.9	86.1	85.5	86.3	86.6	86.3	86.1
Total Employment	75.9	76.3	77.2	78.3	78.6	80.1	79.6	79.4	78.9	77.8	77.2	76.1	78.0
Total Unemployment	9.4	9.0	8.5	7.9	7.5	7.2	7.2	6.6	6.6	8.5	9.4	10.1	8.2
Unemployment Rate	11.1	10.5	10.0	9.2	8.8	8.3	8.3	7.7	7.7	9.9	10.8	11.9	9.5
						1982							
Civilian Labor Force	85.1	84.5	84.7	84.9	85.9	86.0	86.2	85.0	83.7	84.9	84.4	85.2	85.0
Total Employment	72.5	72.0	72.7	72.9	73.7	74.1	74.0	73.0	72.0	71.4	70.2	70.5	72.4
Total Unemployment	12.6	12.5	12.0	12.0	12.2	11.9	12.2	11.9	11.7	13.5	14.2	14.8	12.6
Unemployment Rate	14.9	14.8	14.2	14.1	14.2	13.8	14.2	14.0	14.0	15.9	16.8	17.3	14.9
						1983							
Civilian Labor Force	82.8	82.1	81.7	80.9	81.9	82.3	82.0	82.2	80.3	80.8	81.0	81.4	81.6
Total Employment	67.0	66.5	66.9	67.9	68.5	69.2	69.1	69.7	68.6	68.6	69.0	69.0	68.3
Total Unemployment	15.8	15.6	14.7	13.1	13.3	13.2	12.9	12.5	11.8	12.2	11.9	12.4	13.3
Unemployment Rate	19.1	19.0	18.0	16.1	16.3	16.0	15.7	15.2	14.6	15.1	14.7	15.2	16.3
						1984							
Civilian Labor Force	79.8	79.7	79.4	79.9	81.0	81.9	80.8	80.9	80.5	81.2	81.2	81.2	80.6
Total Employment	66.6	66.7	67.2	68.6	70.2	71.2	70.3	70.9	70.3	69.7	69.7	70.0	69.3
Total Unemployment	13.3	13.0	12.2	11.3	10.7	10.8	10.5	9.9	10.2	11.4	11.5	11.3	11.3
Unemployment Rate	16.6	16.3	15.3	14.2	13.2	13.2	13.0	12.3	12.6	14.1	14.2	13.9	14.1
						1985							
Civilian Labor Force	82.4	81.0	80.6	81.2	81.5	81.6	80.7	79.1	79.5	80.0	78.1	79.3	80.4
Total Employment	68.8	68.4	69.0	70.0	71.4	71.7	71.0	71.2	71.0	71.0	69.5	70.5	70.3
Total Unemployment	13.6	12.6	11.7	11.2	10.1	9.8	9.7	7.9	8.5	9.0	8.7	8.8	10.1
Unemployment Rate	16.5	15.6	14.5	13.8	12.4	12.1	12.0	10.0	10.7	11.3	11.1	11.1	12.6
						1986							
Civilian Labor Force	77.2	76.8	77.3	77.6	78.5	77.5	78.4	77.7	78.9	79.0	79.3	79.9	78.2
Total Employment	67.7	67.5	68.2	69.2	70.9	70.2	70.7	70.2	71.1	70.8	70.8	71.3	69.9
Total Unemployment	9.5	9.3	9.1	8.3	7.6	7.2	7.7	7.5	7.8	8.2	8.5	8.6	8.3
Unemployment Rate	12.3	12.1	11.8	10.7	9.7	9.3	9.9	9.6	9.8	10.4	10.7	10.8	10.6
						1987							
Civilian Labor Force	77.7	77.9	78.4	78.3	79.2	80.6	80.0	79.1	78.5	78.6	79.0	78.4	78.8
Total Employment	69.6	69.8	70.7	72.1	72.9	74.0	74.1	72.6	72.4	72.2	72.9	72.6	72.1
Total Unemployment	8.0	8.1	7.7	6.2	6.4	6.6	6.0	6.5	6.1	6.4	6.2	5.7	6.7
Unemployment Rate	10.3	10.4	9.8	7.9	8.0	8.2	7.5	8.2	7.8	8.1	7.8	7.3	8.5
						1988							
Civilian Labor Force	76.4	76.2	76.4	76.9	78.4	78.6	77.9	77.8	77.0	79.1	79.2	79.0	77.7
Total Employment	69.3	69.3	69.5	69.8	71.3	71.6	71.7	71.9	70.7	72.0	73.2	73.0	71.1
Total Unemployment	7.1	6.9	6.9	7.1	7.1	6.9	6.2	5.9	6.3	7.0	5.9	6.0	6.6
Unemployment Rate	9.2	9.1	9.0	9.3	9.1	8.8	8.0	7.6	8.2	8.9	7.5	7.6	8.5
						1989							
Civilian Labor Force	78.4	79.0	79.4	80.3	80.8	82.4	81.8	81.8	81.3	82.4	81.7	81.9	80.9
Total Employment	72.7	72.4	73.6	74.5	75.1	76.6	77.0	76.5	75.2	75.5	75.4	75.5	75.0
Total Unemployment	5.8	6.5	5.8	5.8	5.7	5.8	4.8	5.2	6.1	6.9	6.3	6.4	5.9
Unemployment Rate	7.3	8.3	7.3	7.3	7.1	7.1	5.8	6.4	7.4	8.3	7.7	7.8	7.3
						1990							
Civilian Labor Force	79.3	79.7	80.0	80.3	81.6	83.4	82.8	82.1	80.7	80.7			
Total Employment	73.6	73.9	75.1	75.8	76.3	78.5	77.7	76.8	74.9	75.6			
Total Unemployment	5.8	5.8	4.9	4.6	5.3	4.9	5.0	5.4	5.8	5.2			
Unemployment Rate	7.3	7.3	6.1	5.7	6.5	5.9	6.1	6.5	7.2	6.4			

*Calculated according to Current Population Survey adjusted to BLS procedures.
March 1989 Benchmark

Table 10

WEST VIRGINIA LABOR FORCE STATISTICS
(In Thousands)
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
FISCAL YEARS 1981 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
						1981							
Civilian Labor Force	804.2	791.1	787.4	784.7	788.2	779.4	793.4	788.1	795.3	794.3	782.8	795.9	790.4
Total Employment	729.9	716.5	713.8	712.2	710.8	706.9	692.2	691.3	699.3	699.3	699.5	709.5	706.8
Total Unemployment	74.3	74.6	73.6	72.6	77.4	72.6	101.1	96.8	96.0	95.0	83.2	86.4	83.6
Unemployment Rate	9.2	9.4	9.3	9.2	9.8	9.3	12.7	12.3	12.1	12.0	10.6	10.9	10.6
		—				1982							
Civilian Labor Force	792.1	784.7	779.9	776.5	781.4	779.7	766.1	770.7	770.6	769.3	773.5	781.6	777.2
Total Employment	724.1	716.2	707.3	702.6	699.9	694.9	673.5	675.9	675.0	675.7	679.9	679.8	691.9
Total Unemployment	68.0	68.6	72.6	73.9	81.6	84.8	92.6	96.8	95.6	93.6	93.6	101.8	85.3
Unemployment Rate	8.6	8.7	9.3	9.5	10.4	10.9	12.1	12.6	12.4	12.2	12.1	13.0	11.0
						1983							
Civilian Labor Force	792.1	778.9	762.8	773.2	770.4	778.6	774.6	767.3	770.3	767.2	773.4	775.7	771.7
Total Employment	685.1	678.5	653.5	644.9	636.8	635.3	618.8	611.0	619.4	621.9	633.7	637.2	639.7
Total Unemployment	107.0	100.4	109.3	128.4	133.6	143.3	155.8	156.4	151.0	145.3	139.7	138.5	132.0
Unemployment Rate	13.5	12.9	14.3	16.6	17.3	18.4	20.1	20.4	19.6	18.9	18.1	17.9	17.1
						1984							
Civilian Labor Force	777.5	791.3	761.7	766.4	765.2	761.4	759.0	756.2	753.9	755.7	761.0	783.4	766.0
Total Employment	644.9	655.4	632.1	634.0	635.4	640.1	624.9	626.7	630.0	643.9	651.4	667.3	640.5
Total Unemployment	132.5	135.8	129.6	132.3	129.9	121.2	134.1	129.5	123.9	111.8	109.6	116.1	125.5
Unemployment Rate	17.0	17.2	17.0	17.3	17.0	15.9	17.7	17.1	16.4	14.8	14.4	14.8	16.4
						1985							
Civilian Labor Force	783.2	783.8	765.5	767.6	767.9	766.9	757.0	757.1	754.7	766.4	773.0	777.9	768.4
Total Employment	673.4	674.0	661.0	656.2	656.8	658.4	647.2	643.4	645.7	655.5	663.9	673.3	659.1
Total Unemployment	109.7	109.8	104.5	111.4	111.2	108.5	109.8	113.7	109.0	110.9	109.1	104.6	109.3
Unemployment Rate	14.0	14.0	13.7	14.5	14.5	14.1	14.5	15.0	14.4	14.5	14.1	13.4	14.2
						1986							
Civilian Labor Force	781.6	766.9	766.4	758.4	755.5	753.1	733.4	729.9	738.4	734.2	751.8	752.2	751.8
Total Employment	681.7	676.3	676.4	672.3	664.3	667.9	640.8	635.2	637.0	640.2	659.3	666.3	659.8
Total Unemployment	99.9	90.6	90.0	86.1	91.2	85.2	92.5	94.7	101.4	94.0	92.5	86.1	92.0
Unemployment Rate	12.8	11.8	11.7	11.3	12.1	11.3	12.6	13.0	13.7	12.8	12.3	11.4	12.2
						1987							
Civilian Labor Force	763.6	753.4	743.6	737.7	738.3	739.5	736.2	744.5	749.7	746.7	754.2	769.9	748.1
Total Employment	672.1	669.9	662.3	657.0	660.2	659.9	649.8	649.6	658.4	668.6	674.1	686.7	664.1
Total Unemployment	91.5	83.5	81.3	80.7	78.1	79.6	86.4	94.9	91.2	78.0	80.1	83.2	84.1
Unemployment Rate	12.0	11.1	10.9	10.9	10.6	10.8	11.7	12.7	12.2	10.5	10.6	10.8	11.2
						1988							
Civilian Labor Force	766.4	757.4	747.5	748.2	746.9	732.6	729.5	720.6	726.1	729.8	745.5	745.0	741.3
Total Employment	688.1	674.5	668.3	671.1	672.9	665.9	643.9	643.1	649.3	655.1	669.1	672.3	664.5
Total Unemployment	78.2	82.9	79.2	77.1	74.0	66.7	85.6	77.4	76.8	74.8	76.4	72.6	76.8
Unemployment Rate	10.2	10.9	10.6	10.3	9.9	9.1	11.7	10.7	10.6	10.2	10.3	9.7	10.4
						1989							
Civilian Labor Force	746.5	746.3	733.4	745.2	752.2	747.9	747.1	753.3	755.3	762.6	770.0	780.2	753.1
Total Employment	672.1	675.9	662.6	669.2	685.6	681.8	679.9	678.9	689.2	696.8	704.7	714.8	684.4
Total Unemployment	74.4	70.4	70.8	75.9	66.7	66.2	67.2	74.4	66.1	65.8	65.3	65.4	69.0
Unemployment Rate	10.0	9.4	9.7	10.2	8.9	8.8	9.0	9.9	8.8	8.6	8.5	8.4	9.2
						1990							
Civilian Labor Force	778.9	771.0	766.7	777.9	773.4	767.5	757.9	753.8	756.1	753.8	771.1	777.8	767.2
Total Employment	720.3	712.4	701.0	704.6	706.6	702.8	689.1	690.5	698.8	703.0	714.2	725.9	705.8
Total Unemployment	58.6	58.7	65.7	73.3	66.8	64.7	68.7	63.3	57.3	50.8	56.9	52.0	61.4
Unemployment Rate	7.5	7.6	8.6	9.4	8.6	8.4	9.1	8.4	7.6	6.7	7.4	6.7	8.0

Data have been revised to adhere to new methodology
March 1989 benchmark.

Table No. 1

WEST VIRGINIA, LESS KANAWHA COUNTY SERVICE DELIVERY AREA
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY*
FISCAL YEARS 1981 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
						1981							
Civilian Labor Force	600.9	586.6	590.8	593.1	590.6	595.6	594.6	592.0	593.1	613.6	611.6	595.2	596.1
Total Employment	538.5	529.4	536.5	537.6	532.5	530.7	517.4	517.6	523.1	524.0	524.9	526.4	528.2
Total Unemployment	62.4	57.2	54.3	55.1	58.1	64.9	77.2	74.4	69.9	89.6	86.7	68.8	68.2
Unemployment Rate	10.4	9.8	9.2	9.3	9.8	10.9	13.0	12.6	11.8	14.6	14.2	11.6	11.4
						1982							
Civilian Labor Force	597.1	589.8	589.6	586.0	584.6	588.7	582.5	574.5	575.1	576.1	580.0	567.2	584.3
Total Employment	536.4	535.7	538.8	535.2	529.6	525.2	502.4	498.5	502.5	505.2	507.1	501.1	518.2
Total Unemployment	60.7	54.1	50.8	50.8	55.0	63.4	80.1	76.0	71.7	72.9	72.9	66.1	65.8
Unemployment Rate	10.2	9.2	8.6	8.7	9.4	10.8	13.7	13.2	12.5	12.6	12.6	11.6	11.2
						1983							
Civilian Labor Force	595.4	590.3	584.2	588.6	589.9	595.8	592.0	588.8	586.8	587.6	585.8	587.1	589.9
Total Employment	508.7	507.4	497.6	496.8	487.6	481.2	460.7	453.5	458.3	464.7	469.9	474.7	479.1
Total Unemployment	86.7	82.9	86.6	91.8	102.3	114.6	131.3	135.3	128.6	122.9	115.9	112.4	110.8
Unemployment Rate	14.6	14.0	14.8	15.9	17.3	19.2	22.2	23.0	21.9	20.9	19.8	19.2	18.8
						1984							
Civilian Labor Force	595.9	586.7	576.8	576.8	575.9	580.4	584.6	576.0	577.0	578.2	580.9	587.2	581.1
Total Employment	481.2	490.0	482.7	484.7	481.6	482.8	473.4	472.6	476.2	482.0	486.1	492.5	484.3
Total Unemployment	114.8	100.8	98.1	92.1	94.2	97.6	111.2	104.0	98.7	96.2	86.8	85.1	96.8
Unemployment Rate	19.3	17.9	16.5	16.0	16.0	16.8	19.0	18.1	17.1	15.8	14.9	13.9	16.6
						1985							
Civilian Labor Force	588.9	586.2	576.6	576.2	573.4	597.3	588.6	582.5	578.2	577.8	579.0	582.7	583.0
Total Employment	505.3	509.5	505.8	503.2	499.5	497.4	481.1	478.8	487.4	497.8	508.1	512.6	499.0
Total Unemployment	83.6	76.6	70.8	73.1	73.9	99.9	105.3	103.6	90.7	80.0	70.7	70.7	84.0
Unemployment Rate	14.2	13.1	12.3	12.6	12.8	16.7	17.9	17.8	15.7	13.8	12.2	12.1	14.4
						1986							
Civilian Labor Force	590.7	576.0	577.6	572.7	584.7	579.8	569.0	566.9	564.6	562.9	574.0	580.6	576.3
Total Employment	512.9	509.6	513.6	510.4	505.8	506.8	483.1	479.2	483.7	490.3	506.5	498.8	499.3
Total Unemployment	77.8	66.4	64.0	67.3	78.9	75.0	85.8	87.8	80.9	72.6	67.4	81.7	76.2
Unemployment Rate	13.2	11.5	11.1	11.6	13.5	12.9	15.1	15.5	14.3	12.9	11.8	14.0	12.9
						1987							
Civilian Labor Force	573.8	576.1	577.9	577.4	583.9	571.2	560.7	565.8	570.5	569.5	574.6	581.6	573.1
Total Employment	501.8	498.1	498.1	497.8	498.8	500.5	483.7	488.6	495.7	504.8	509.6	517.8	499.9
Total Unemployment	70.0	62.0	59.8	59.6	65.1	70.8	77.0	77.2	74.8	64.7	65.0	63.8	73.2
Unemployment Rate	12.2	11.4	10.7	10.7	11.5	12.4	12.7	13.6	13.1	11.4	11.3	11.0	11.8
						1988							
Civilian Labor Force	582.8	571.8	568.1	576.8	572.6	561.1	556.4	548.1	553.3	556.2	568.9	567.8	565.2
Total Employment	518.4	507.6	505.4	516.9	515.6	507.7	480.9	486.0	491.5	498.7	508.1	510.1	501.4
Total Unemployment	64.4	64.2	62.9	60.0	57.0	53.4	64.5	62.2	61.8	59.5	60.8	57.7	63.7
Unemployment Rate	11.0	11.5	11.1	10.5	10.3	9.8	12.5	11.3	11.2	10.7	10.7	10.2	10.9
						1989							
Civilian Labor Force	570.3	569.1	559.0	568.1	574.2	569.7	569.8	574.5	576.4	581.8	587.7	595.2	574.1
Total Employment	509.9	513.0	502.8	507.9	520.2	516.6	515.6	514.7	523.2	528.8	535.1	542.6	519.1
Total Unemployment	60.4	56.1	56.2	60.3	53.5	53.0	54.2	59.7	53.2	53.0	52.6	52.6	55.0
Unemployment Rate	10.6	9.9	10.1	10.6	9.3	9.3	9.5	10.4	9.2	9.1	8.9	8.8	9.6
						1990							
Civilian Labor Force	590.1	588.4	585.5	595.1	591.2	585.6	578.8	574.7	575.6	571.0	586.9	590.6	585.1
Total Employment	547.4	540.6	532.4	535.8	536.9	533.1	522.2	523.2	528.8	531.9	541.2	548.8	537.2
Total Unemployment	48.7	47.8	53.1	59.3	54.3	52.5	56.6	51.5	46.8	41.2	45.7	41.8	47.9
Unemployment Rate	8.2	8.1	9.1	10.0	9.2	9.0	9.8	9.0	8.1	7.2	7.8	7.1	8.2

The U. S. Bureau of Labor Statistics required revisions be incorporated into state data, but not into county data. As a result, county totals may not add to state total.
March 1989 benchmark.

Table 14-B

KANAWHA COUNTY SERVICE DELIVERY AREA
LABOR FORCE STATISTICS
(STATE-WIDE LABOR FORCE DATA USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
FISCAL YEARS 1981 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Year Avg.
1981													
	111.7	110.1	110.9	109.7	110.0	110.8	108.6	107.9	107.7	109.7	109.8	109.6	109.7
	101.9	102.1	102.1	101.4	101.2	101.8	97.0	97.1	97.9	99.1	99.1	100.4	100.1
	9.8	8.0	8.7	8.3	8.5	9.0	11.6	10.8	9.7	10.6	10.7	9.0	9.6
	8.7	7.2	7.9	7.5	7.7	8.1	10.7	10.0	9.0	9.7	9.7	8.2	8.6
1982													
	108.1	108.4	108.2	106.6	106.7	107.3	104.9	104.1	104.3	103.9	104.5	105.3	106.1
	99.7	100.4	100.6	97.1	99.2	93.4	96.4	96.2	95.0	96.8	96.0	35.9	93.5
	8.4	8.0	7.7	9.5	7.5	13.9	10.6	9.9	9.3	9.1	8.5	9.4	9.5
	7.7	7.4	7.1	8.8	7.1	7.4	9.9	9.5	8.9	8.7	8.2	8.9	8.1
1983													
	105.7	105.1	104.8	105.8	104.7	104.8	103.3	103.4	104.4	104.0	104.0	104.9	104.5
	93.1	94.2	95.2	92.4	92.3	92.7	88.5	88.1	88.5	89.6	90.2	90.9	91.6
	12.2	10.9	9.6	13.4	12.4	12.1	14.8	15.0	15.9	14.4	13.8	14.0	12.9
	10.7	9.8	9.1	12.0	11.4	12.1	14.3	14.9	14.4	13.8	13.3	13.5	12.3
1984													
	108.5	108.5	107.8	104.5	104.8	104.9	99.6	99.2	99.6	100.4	100.7	101.3	102.7
	92.1	92.4	92.0	92.2	92.2	92.2	85.5	85.2	85.9	87.4	88.6	89.1	89.7
	16.4	16.1	15.7	12.3	12.6	12.7	14.1	13.9	13.7	13.0	12.1	12.2	13.0
	15.1	15.0	14.7	12.0	12.0	12.1	14.2	14.1	13.8	13.0	12.0	11.9	12.7
1985													
	102.4	102.1	102.7	101.6	102.1	101.5	101.9	102.7	102.1	102.1	102.4	102.0	102.0
	90.8	91.0	91.5	90.1	90.8	90.1	89.6	88.1	89.7	90.9	91.9	92.6	90.7
	11.6	11.1	11.2	11.5	11.3	11.4	12.3	14.6	12.4	11.2	10.5	10.1	11.3
	11.4	10.9	11.0	12.0	11.0	11.2	12.1	15.0	14.1	12.4	10.9	10.2	11.9
1986													
	101.9	101.8	101.3	101.2	101.6	99.1	98.9	98.6	99.0	101.2	100.6	100.7	
	92.0	93.0	92.4	92.2	92.7	88.7	87.9	88.7	89.8	92.4	93.1	93.9	
	9.9	8.8	8.9	9.0	8.9	10.4	11.0	9.9	9.2	8.8	7.5	6.8	
	9.7	8.6	8.8	8.9	8.8	10.5	11.1	10.1	9.3	8.7	7.5	6.8	
1987													
	99.4	99.5	98.8	97.7	100.3	97.8	98.8	99.7	99.4	100.0	102.6	99.7	
	91.0	91.5	90.6	91.3	91.2	89.3	89.4	90.6	91.3	91.4	93.2	91.3	
	8.4	8.0	8.0	6.0	8.6	8.7	9.4	9.1	8.3	8.7	9.4	5.6	
	8.5	8.0	8.0	8.0	8.6	8.7	9.5	9.2	8.3	8.7	9.0	8.0	
1988													
	101.8	101.2	99.7	99.4	100.0	98.0	96.8	96.2	96.5	96.7	98.2	98.6	98.0
	91.1	91	90.4	90.6	91.5	90.8	87.7	87.9	88.3	88.6	89.7	90.6	90.0
	8.6	9.2	9.3	8.8	8.5	7.2	9.1	8.4	8.2	8.1	8.5	8.0	8.6
	8.5	9.0	9.1	9.1	8.5	7.4	9.4	8.7	8.5	8.4	8.6	8.1	8.7
1989													
	98.3	99.2	97.4	97.8	98.9	99.3	98.8	99.8	99.5	100.5	101.4	102.6	99.5
	90.4	91.1	89.1	89.3	91.6	92.2	91.6	91.8	92.4	93.5	96.3	97.7	91.9
	8.1	8.2	8.5	8.6	7.4	7.1	7.2	8.1	7.1	7.0	7.1	6.9	7.6
	7.9	8.2	8.5	8.8	7.4	7.2	7.3	8.1	7.1	7.0	7.0	6.8	7.6
1990													
	101.1	100.9	100.0	100.5	100.5	100.0	99.7	99.4	100.5	100.4	102.6	103.8	100.8
	95.9	95.2	93.4	93.3	96.3	94.2	93.4	93.4	94.9	95.3	96.8	98.6	94.9
	5.1	5.7	6.6	7.2	6.2	5.8	6.3	6.0	5.6	5.1	5.8	5.2	5.9
	5.2	5.6	6.6	7.1	6.2	5.8	6.4	6.0	5.5	5.1	5.7	5.0	5.8

* Labor statistics required revisions be incorporated into state data, but not into county data. As a result, county data may not add to state total.

Table 10-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA,
LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA (USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)-
FISCAL YEARS 1981 - 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Item	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Ann. Avg.
						1981							
Civilian Labor Force	90.0	88.2	88.4	87.3	87.4	87.2	85.3	85.3	85.7	86.2	86.1	87.5	87.0
Total Employment	80.3	79.3	79.7	79.0	79.5	79.4	75.9	76.3	77.2	78.3	78.6	80.1	78.6
Total Unemployment	9.7	8.9	8.7	8.4	7.8	7.7	9.4	9.0	8.5	7.9	7.5	7.2	8.4
Unemployment Rate	10.7	10.1	9.8	9.6	9.0	8.9	11.1	10.5	10.0	9.2	8.8	8.3	9.6
						1982							
Civilian Labor Force	86.9	86.1	85.5	86.3	86.6	86.3	85.1	84.5	84.7	84.9	85.9	86.0	85.7
Total Employment	79.6	79.4	78.9	77.8	77.2	76.1	72.5	72.0	72.7	72.9	73.7	74.1	75.6
Total Unemployment	7.2	6.6	6.6	8.5	9.4	10.3	12.6	12.5	12.0	12.0	12.2	11.9	10.1
Unemployment Rate	8.3	7.7	7.7	9.9	10.8	11.9	14.9	14.8	14.2	14.1	14.2	13.8	11.8
						1983							
Civilian Labor Force	86.2	85.0	83.7	84.9	84.4	85.2	82.8	82.1	81.7	80.9	81.9	82.3	83.4
Total Employment	74.0	73.0	72.0	71.4	70.2	70.5	67.0	66.5	66.9	67.9	68.5	69.2	69.8
Total Unemployment	12.2	11.9	11.7	13.5	14.2	14.8	15.8	15.6	14.7	13.1	13.3	13.2	13.7
Unemployment Rate	14.2	14.0	14.0	15.9	16.8	17.3	19.1	19.0	18.0	16.1	16.3	16.0	16.4
						1984							
Civilian Labor Force	82.0	82.2	80.3	80.8	81.0	81.4	79.8	79.7	79.4	79.9	81.0	81.9	80.8
Total Employment	69.1	69.7	68.6	68.6	69.0	69.0	66.6	66.7	67.2	68.6	70.2	71.2	68.7
Total Unemployment	12.9	12.5	11.8	12.2	11.9	12.4	13.3	13.0	12.2	11.3	10.7	10.8	12.1
Unemployment Rate	15.7	15.2	14.6	15.1	14.7	15.2	16.6	16.3	15.3	14.2	13.2	13.2	15.0
						1985							
Civilian Labor Force	80.8	80.9	80.5	81.2	81.2	81.2	82.4	81.0	80.6	81.2	81.5	81.6	81.2
Total Employment	70.3	70.9	70.3	69.7	69.7	70.0	68.8	68.4	69.0	70.0	71.4	71.7	70.0
Total Unemployment	10.5	9.9	10.2	11.4	11.5	11.3	13.6	12.6	11.7	11.2	10.1	9.8	11.2
Unemployment Rate	13.0	12.3	12.6	14.1	14.2	13.9	16.5	15.6	14.5	13.8	12.4	12.1	13.8
						1986							
Civilian Labor Force	80.7	79.1	79.5	80.0	78.1	79.3	77.2	76.8	77.3	77.6	78.5	77.5	78.5
Total Employment	71.0	71.2	71.0	71.0	69.5	70.5	67.7	67.5	68.2	69.2	70.9	70.2	69.8
Total Unemployment	9.7	7.9	8.5	9.0	8.7	8.8	9.5	9.3	9.1	8.3	7.6	7.2	8.6
Unemployment Rate	12.0	10.0	10.7	11.3	11.1	11.1	12.3	12.1	11.8	10.7	9.7	9.3	11.0
						1987							
Civilian Labor Force	78.4	77.7	78.9	79.0	79.1	79.9	77.7	77.9	78.4	78.3	79.2	80.6	78.8
Total Employment	70.7	70.2	71.1	70.8	70.8	71.3	69.6	69.8	70.7	72.1	72.9	74.0	71.2
Total Unemployment	7.7	7.5	7.8	8.2	8.5	8.6	8.0	8.1	7.7	6.2	6.4	6.6	7.6
Unemployment Rate	9.9	9.6	9.8	10.4	10.7	10.8	10.3	10.4	9.8	7.9	8.0	8.2	9.7
						1988							
Civilian Labor Force	80.0	79.1	78.5	78.6	79.0	78.4	76.4	76.2	76.4	76.9	78.4	78.6	78.0
Total Employment	74.1	72.6	72.4	72.2	72.9	72.6	69.3	69.3	69.5	69.8	71.3	71.6	71.5
Total Unemployment	6.0	6.5	6.1	6.4	6.2	5.7	7.1	6.9	6.9	7.1	7.1	6.9	6.6
Unemployment Rate	7.5	8.2	7.8	8.1	7.8	7.3	9.2	9.1	9.0	9.3	9.1	8.8	8.5
						1989							
Civilian Labor Force	77.9	77.8	77.0	79.1	79.2	79.0	78.4	79.0	79.4	80.3	80.8	82.4	79.2
Total Employment	71.7	71.9	70.7	72.0	73.2	73.0	72.7	72.4	73.6	74.5	75.1	76.6	73.1
Total Unemployment	6.2	5.9	6.3	7.0	5.9	6.0	5.8	6.5	5.8	5.8	5.7	5.8	6.1
Unemployment Rate	8.0	7.6	8.2	8.9	7.5	7.6	7.3	8.3	7.3	7.3	7.1	7.1	7.7
						1990							
Civilian Labor Force	81.8	81.8	81.3	82.4	81.7	81.9	79.3	79.7	80.0	80.3	81.6	83.4	81.3
Total Employment	77.0	76.5	75.2	75.5	75.4	75.5	73.6	73.9	75.1	75.8	76.3	78.5	75.7
Total Unemployment	4.8	5.2	6.1	6.9	6.3	6.4	5.8	5.8	4.9	4.6	5.3	4.9	5.6
Unemployment Rate	5.8	6.4	7.4	8.3	7.7	7.8	7.3	7.3	6.1	5.7	6.5	5.9	6.9

The U. S. Bureau of Labor Statistics required revisions be incorporated into state data, but not into county data. As a result, county totals may not add to state total.
March 1989 benchmark.

Table 11

WEST VIRGINIA LABOR FORCE STATISTICS, BY COUNTY
WV SERIES LABOR FORCE DATA
(AS CALCULATED BY WV DIVISION OF EMPLOYMENT SECURITY)*
FISCAL YEAR 1990 AVERAGE

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

	CIVILIAN LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Barbour	4,530	4,060	460	10.3
Berkeley	26,660	25,300	1,370	5.1
Boone	8,050	7,460	590	7.3
Braxton	5,480	5,020	460	8.4
Brooke	10,310	9,770	540	5.2
Cabell	42,010	40,230	1,780	4.2
Calhoun	2,930	2,570	360	12.4
Clay	2,760	2,410	340	12.5
Doddridge	2,300	2,170	140	6.0
Fayette	16,610	15,380	1,230	7.4
Gilmer	2,670	2,480	190	7.2
Grant	4,040	3,780	260	6.5
Greenbrier	14,770	13,620	1,150	7.8
Hampshire	6,630	6,020	610	9.2
Hancock	13,710	13,080	630	4.6
Hardy	5,390	5,140	250	4.6
Harrison	28,290	26,540	1,740	6.2
Jackson	8,940	8,220	720	8.0
Jefferson	18,950	18,330	620	3.2
Kanawha	94,380	90,230	4,150	4.4
Lewis	6,840	6,350	490	7.1
Lincoln	7,280	6,620	660	9.1
Logan	13,120	11,880	1,240	9.5
McDowell	6,670	5,850	820	12.3
Marion	21,060	19,620	1,440	6.8
Marshall	14,410	13,570	840	5.9
Mason	8,240	7,630	610	7.4
Mercer	25,980	24,390	1,590	6.1
Mineral	10,360	9,910	450	4.3
Mingo	10,310	9,520	780	7.6
Monongalia	37,220	36,190	1,030	2.8
Monroe	5,040	4,800	240	4.8
Morgan	4,800	4,610	200	4.1
Nicholas	9,000	8,000	990	11.0
Ohio	23,950	22,990	960	4.0
Pendleton	4,030	3,920	110	2.7
Pleasants	2,260	2,040	220	9.7
Pocahontas	4,560	4,240	310	6.9
Preston	11,900	11,280	630	5.3
Putnam	16,060	15,140	920	5.8
Raleigh	26,860	24,980	1,880	7.0
Randolph	11,340	10,290	1,050	9.2
Ritchie	5,080	4,620	460	9.0
Roane	5,040	4,300	740	14.7
Summers	4,180	3,850	340	8.0
Taylor	5,660	5,200	450	8.0
Tucker	3,830	3,550	290	7.5
Tyler	4,560	4,250	310	6.9
Upshur	8,150	7,520	630	7.8
Wayne	15,320	14,430	890	5.8
Webster	3,050	2,630	430	14.0
Wetzel	8,940	8,310	630	7.0
Wirt	2,670	2,370	300	11.1
Wood	40,180	38,180	2,010	5.0
Wyoming	7,050	6,240	810	11.5
West Virginia	714,400	671,100	43,300	6.1

*Data based on March 1989 benchmark.

Table 12

WEST VIRGINIA LABOR FORCE STATISTICS, BY COUNTY
BLS SERIES LABOR FORCE DATA
(USING U. S. BUREAU OF LABOR STATISTICS METHODOLOGY)*
FISCAL YEAR 1990 AVERAGE

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

COUNTY	CIVILIAN LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Barbour	4,930	4,270	660	13.3
Berkeley	28,550	26,610	1,940	6.8
Boone	8,680	7,840	830	9.6
Braxton	5,920	5,280	640	10.8
Brooke	11,040	10,270	770	7.0
Cabell	44,840	42,310	2,530	5.6
Calhoun	3,220	2,700	520	16.0
Clay	3,020	2,540	480	15.9
Doddridge	2,470	2,280	200	7.9
Fayette	17,910	16,180	1,730	9.7
Gilmer	2,880	2,610	270	9.4
Grant	4,340	3,970	370	8.5
Greenbrier	15,950	14,330	1,620	10.2
Hampshire	7,210	6,330	880	12.2
Hancock	14,650	13,760	890	6.1
Hardy	5,760	5,410	360	6.2
Harrison	30,390	27,920	2,470	8.1
Jackson	9,660	8,640	1,020	10.6
Jefferson	20,140	19,280	850	4.2
Kanawha	100,780	94,890	5,890	5.8
Lewis	7,360	6,680	690	9.3
Lincoln	7,890	6,960	930	11.8
Logan	14,260	12,490	1,770	12.4
McDowell	7,330	6,150	1,180	16.1
Marion	22,680	20,640	2,050	9.0
Marshall	15,460	14,270	1,190	7.7
Mason	8,890	8,020	870	9.8
Mercer	27,900	25,650	2,250	8.0
Mineral	11,080	10,420	650	5.9
Mingo	11,120	10,020	1,100	9.9
Monongalia	39,530	38,060	1,470	3.7
Monroe	5,390	5,050	340	6.4
Morgan	5,120	4,840	280	5.5
Nicholas	9,810	8,420	1,400	14.2
Ohio	25,550	24,180	1,370	5.4
Pendleton	4,280	4,120	150	3.6
Pleasants	2,460	2,150	310	12.7
Pocahontas	4,900	4,460	440	8.9
Preston	12,740	11,860	880	6.9
Putnam	17,220	15,920	1,300	7.5
Raleigh	28,950	26,270	2,680	9.2
Randolph	12,280	10,830	1,450	11.8
Ritchie	5,500	4,860	640	11.6
Roane	5,590	4,520	1,060	19.0
Summers	4,520	4,050	470	10.5
Taylor	6,120	5,470	650	10.6
Tucker	4,140	3,730	410	9.9
Tyler	4,920	4,470	450	9.2
Upshur	8,790	7,910	880	10.0
Wayne	16,430	15,180	1,250	7.6
Webster	3,360	2,760	600	17.9
Wetzel	9,630	8,740	890	9.3
Wirt	2,920	2,490	420	14.5
Wood	43,030	40,150	2,870	6.7
Wyoming	7,720	6,560	1,160	15.0
West Virginia	767,200	705,800	61,400	8.0

*Data based on March 1989 benchmark.

Table 13

WEST VIRGINIA LABOR FORCE STATISTICS
WV SERIES LABOR FORCE DATA (AS CALCULATED BY WV DIVISION OF EMPLOYMENT SECURITY)
FISCAL YEARS 1980 - 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Fiscal Year (July-June)	Civilian Labor Force*	Employment*	Unemployment*	Unemployment Rate
1980	769.1	714.1	55.0	7.2
1981	770.2	696.7	73.4	9.5
1982	754.1	684.0	70.2	9.3
1983	744.6	644.8	99.8	13.4
1984	744.9	647.1	97.8	13.1
1985	731.7	650.9	80.8	11.0
1986	717.5	648.3	69.1	9.6
1987	706.1	644.3	61.8	8.8
1988	704.6	653.0	51.6	7.3
1989	707.6	662.3	45.4	6.4
1990	714.4	671.1	43.3	6.1

*In thousands.
March 1989 benchmark.

Table 13-A

WEST VIRGINIA LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA (USING U.S. BUREAU OF LABOR STATISTICS METHODOLOGY)
FISCAL YEARS 1980 - 1990

APPROVED BY THE U.S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

Fiscal Year (July-June)	Civilian Labor Force*	Employment*	Unemployment*	Unemployment Rate
1980	785.4	723.9	61.4	7.8
1981	790.4	706.8	83.6	10.6
1982	777.2	691.9	85.3	11.0
1983	773.7	639.7	134.0	17.3
1984	766.0	640.5	125.5	16.4
1985	768.4	659.1	109.3	14.2
1986	751.8	659.8	92.0	12.2
1987	748.1	664.1	84.1	11.2
1988	741.3	664.5	76.8	10.4
1989	753.3	684.3	69.0	9.2
1990	767.2	705.8	61.4	8.0

*In thousands.
March 1989 benchmark.

Table 14

WEST VIRGINIA AND SERVICE DELIVERY AREAS
LABOR FORCE STATISTICS
WV SERIES LABOR FORCE DATA (AS CALCULATED BY WV DIVISION OF EMPLOYMENT SECURITY)
FISCAL YEAR 1990

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

State & SDAs	Civilian Labor Force*	Employment*	Unemployment*	Unemployment Rate
West Virginia	714.4	671.1	43.3	6.1
Kanawha County SDA	94.4	90.2	4.2	4.4
Northern Panhandle SDA**	75.9	72.0	3.9	5.2
Balance of State***	544.1	508.9	35.3	6.5

Table 15

WEST VIRGINIA AND SERVICE DELIVERY AREAS
LABOR FORCE STATISTICS
BLS SERIES LABOR FORCE DATA (USING U.S. BUREAU OF LABOR STATISTICS METHODOLOGY)
FISCAL YEAR 1990

APPROVED BY THE U. S. BUREAU OF LABOR STATISTICS TO ALLOCATE FEDERAL FUNDS
AND DETERMINE ELIGIBILITY FOR FEDERAL ASSISTANCE PROGRAMS

State & SDAs	Civilian Labor Force*	Employment*	Unemployment*	Unemployment Rate
West Virginia	767.2	705.8	61.4	8.0
Kanawha County SDA	100.8	94.9	5.9	5.8
Northern Panhandle SDA**	81.3	75.7	5.6	6.9
Balance of State***	585.1	535.2	50.0	8.5

*In thousands.
**Counties within Northern Panhandle Service Delivery Area: Brooke, Hancock, Marshall, Ohio, Tyler and Wetzel.
***Balance of State is West Virginia less Kanawha County SDA and Northern Panhandle SDA.
March 1989 benchmark.

Table 16

WEST VIRGINIA
LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT CHARACTERISTICS BY AGE, RACE, AND SEX
PROJECTED FISCAL YEAR 1992*

Age	Labor Force**			Employment**			Unemployment**			Percent Unemployment		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
					T O T A L							
16-19	43.1	41.2	1.9	36.4	35.3	1.1	6.7	5.9	0.6	15.5	14.3	31.6
20-24	90.3	87.0	3.3	80.3	77.6	2.7	10.0	9.4	0.6	11.1	10.8	18.2
25-34	226.9	218.9	8.0	210.4	203.6	6.8	16.5	15.3	1.2	7.3	7.0	15.0
35-44	203.1	197.1	6.0	191.5	186.4	5.1	11.6	10.7	0.9	5.7	5.4	15.0
45-64	207.6	200.5	7.1	196.0	189.6	6.4	11.6	10.9	0.7	5.6	5.4	9.9
65 & Over	15.8	14.7	1.1	14.8	13.9	0.9	1.0	0.8	0.2	6.3	5.4	18.2
Total	786.8	759.4	27.4	729.4	706.4	23.0	57.4	53.0	4.2	7.3	7.0	15.3
					M A L E							
16-19	24.5	23.5	1.0	20.6	20.2	0.4	3.9	3.3	0.4	15.9	14.0	40.0
20-24	51.3	49.6	1.7	45.0	43.7	1.3	6.3	5.9	0.4	12.3	11.9	23.5
25-34	128.3	123.8	4.5	118.4	114.6	3.8	9.9	9.2	0.7	7.7	7.4	15.6
35-44	115.7	112.5	3.2	109.3	106.5	2.8	6.4	6.0	0.4	5.5	5.3	12.5
45-64	118.3	114.3	4.0	112.6	108.9	3.7	5.7	5.4	0.3	4.8	4.7	7.5
65 & Over	9.0	8.4	0.6	8.5	8.0	0.5	0.5	0.4	0.1	5.6	4.8	16.7
Total	447.1	432.1	15.0	414.4	401.9	12.5	32.7	30.2	2.3	7.3	7.0	15.3
					F E M A L E							
16-19	18.6	17.7	0.9	15.8	15.1	0.7	2.8	2.6	0.2	15.1	14.7	22.2
20-24	39.0	37.4	1.6	35.3	33.9	1.4	3.7	3.5	0.2	9.5	9.4	12.5
25-34	98.6	95.1	3.5	92.0	89.0	3.0	6.6	6.1	0.5	6.7	6.4	14.3
35-44	87.4	84.6	2.8	82.2	79.9	2.3	5.2	4.7	0.5	5.9	5.6	17.9
45-64	89.3	86.2	3.1	83.4	80.7	2.7	5.9	5.5	0.4	6.6	6.4	12.9
65 & Over	6.8	6.3	0.5	6.3	5.9	0.4	0.5	0.4	0.1	7.4	6.3	20.0
Total	339.7	327.3	12.4	315.0	304.5	10.5	24.7	22.8	1.9	7.3	7.0	15.3

Note: May not add to totals due to rounding. *Projected BLS series estimates for FY 1992.
**In thousands. X Not applicable. Z Less than 50.

Table 16-A

WEST VIRGINIA, LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT CHARACTERISTICS BY AGE, RACE, AND SEX
PROJECTED FISCAL YEAR 1992*

Age	Labor Force**			Employment**			Unemployment**			Percent Unemployment		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
					T O T A L							
16-19	33.8	32.5	1.3	28.3	27.7	0.6	5.4	4.8	0.5	16.0	14.8	38.5
20-24	68.9	66.5	2.4	61.0	59.0	2.0	7.9	7.5	0.4	11.5	11.3	16.7
25-34	174.9	169.2	5.7	161.6	156.9	4.7	13.5	12.5	1.0	7.7	7.4	17.5
35-44	158.1	153.8	4.3	147.9	144.4	3.5	10.2	9.4	0.8	6.5	6.1	18.6
45-64	155.0	149.5	5.5	145.8	140.9	4.9	9.3	8.8	0.6	6.0	5.9	10.9
65 & Over	10.1	9.6	0.6	9.8	9.3	0.5	0.4	0.2	0.2	4.0	2.1	(X)
Total	600.8	581.1	19.8	554.4	538.2	16.2	46.7	43.2	3.5	7.8	7.4	17.7
					M A L E							
16-19	19.3	18.6	0.7	16.1	15.9	0.2	3.3	2.7	0.3	17.1	14.0	42.9
20-24	39.3	38.1	1.2	34.3	33.3	1.0	5.0	4.8	0.3	12.7	12.2	25.0
25-34	99.9	96.6	3.3	91.9	89.2	2.7	8.0	7.4	0.6	8.0	7.4	18.2
35-44	90.2	87.9	2.3	84.6	82.7	2.0	5.6	5.2	0.3	6.2	5.8	13.0
45-64	88.4	85.1	3.3	83.7	80.7	3.0	4.8	4.4	0.3	5.4	5.0	9.1
65 & Over	5.8	5.4	0.4	5.7	5.3	0.4	0.1	0.1	0.1	1.7	1.7	(X)
Total	342.9	331.7	11.2	316.3	307.1	9.3	26.8	24.6	1.9	7.8	7.2	17.0
					F E M A L E							
16-19	14.6	14.0	0.6	12.5	12.0	0.5	2.1	2.0	0.2	14.4	13.7	33.3
20-24	29.6	28.5	1.1	26.7	25.7	1.1	2.9	2.8	0.1	9.8	9.5	9.1
25-34	75.0	72.6	2.4	69.8	67.8	2.0	5.3	4.9	0.4	7.1	6.5	16.7
35-44	67.9	65.9	2.0	63.4	61.9	1.5	4.6	4.2	0.5	6.8	6.2	25.0
45-64	66.6	64.4	2.2	62.0	60.1	1.9	4.6	4.4	0.3	6.9	6.6	13.6
65 & Over	4.4	4.2	0.2	4.2	4.1	0.2	0.2	0.1	0.1	4.5	2.3	(X)
Total	258.1	249.6	8.5	238.6	231.6	7.2	19.7	18.4	1.6	7.6	7.1	18.8

Note: May not add to totals due to rounding. *Projected BLS series estimates for FY 1992.
**In thousands. X Not applicable. Z Less than 50.

Table 16-B

KANAWHA COUNTY SERVICE DELIVERY AREA
LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT CHARACTERISTICS BY AGE, RACE, AND SEX
PROJECTED FISCAL YEAR 1992*

Age	Labor Force**			Employment**			Unemployment**			Percent Unemployment		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
					T O T A L							
16-19	4.7	4.3	0.4	4.1	3.8	0.3	0.6	0.5	0.1	12.7	12.4	15.2
20-24	11.5	10.8	0.7	10.4	9.9	0.5	1.1	0.9	0.2	9.6	8.5	27.1
25-34	29.1	27.3	1.8	27.4	25.8	1.6	1.7	1.5	0.2	5.8	5.5	10.3
35-44	24.2	22.9	1.3	23.7	22.5	1.2	0.5	0.4	0.1	2.1	2.0	4.8
45-64	29.8	28.6	1.2	28.6	27.5	1.1	1.2	1.1	0.1	4.0	3.8	7.5
65 & Over	3.2	2.8	0.3	2.8	2.5	0.3	0.3	0.3	(Z)	10.8	11.9	(X)
Total	102.5	96.7	5.8	97.0	91.9	5.0	5.4	4.8	0.6	5.3	5.0	10.3
					M A L E							
16-19	2.6	2.4	0.2	2.2	2.1	0.1	0.3	0.3	0.1	12.8	11.4	30.4
20-24	6.4	6.1	0.3	5.7	5.5	0.2	0.7	0.6	0.1	10.6	9.6	30.2
25-34	16.0	15.1	0.9	14.9	14.1	0.8	1.1	1.0	0.1	6.9	6.7	11.0
35-44	13.7	13.0	0.7	13.3	12.6	0.6	0.4	0.4	0.1	3.1	2.8	8.8
45-64	17.0	16.5	0.5	16.5	16.0	0.5	0.5	0.5	(Z)	3.0	3.1	(X)
65 & Over	1.8	1.7	0.1	1.6	1.5	0.1	0.2	0.2	(Z)	9.3	9.8	(X)
Total	57.6	54.8	2.7	54.4	51.9	2.3	3.2	2.9	0.3	5.6	5.3	11.6
					F E M A L E							
16-19	2.0	1.8	0.2	1.7	1.5	0.2	0.3	0.3	(Z)	12.5	13.9	(X)
20-24	5.1	4.7	0.4	4.7	4.4	0.3	0.4	0.3	0.1	8.4	6.9	24.8
25-34	13.1	12.2	0.9	12.5	11.7	0.8	0.6	0.5	0.1	4.5	4.2	9.5
35-44	10.5	9.9	0.6	10.3	9.7	0.6	0.1	0.1	(Z)	0.8	0.9	(X)
45-64	12.8	12.1	0.7	12.1	11.5	0.6	0.7	0.6	0.1	5.3	4.9	12.9
65 & Over	1.3	1.1	0.2	1.1	0.9	0.2	0.2	0.2	(Z)	12.8	15.2	(X)
Total	44.9	41.8	3.1	42.7	39.9	2.7	2.2	1.9	0.3	4.9	4.6	9.2

Note: May not add to totals due to rounding. *Projected BLS series estimates for FY 1992.
**In thousands. X Not applicable. Z Less than 50.

Table 16-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA
LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT CHARACTERISTICS BY AGE, RACE, AND SEX
PROJECTED FISCAL YEAR 1992*

Age	Labor Force**			Employment**			Unemployment**			Percent Unemployment		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
					T O T A L							
16-19	4.6	4.4	0.2	4.0	3.8	0.2	0.7	0.6	(Z)	14.7	13.1	(X)
20-24	9.9	9.7	0.2	8.9	8.7	0.2	1.0	1.0	(Z)	9.7	9.9	(X)
25-34	22.9	22.4	0.5	21.4	20.9	0.5	1.3	1.3	(Z)	5.9	6.0	(X)
35-44	20.8	20.4	0.4	19.9	19.5	0.4	0.9	0.9	(Z)	4.2	4.3	(X)
45-64	22.8	22.4	0.4	21.6	21.2	0.4	1.1	1.0	(Z)	4.7	4.3	(X)
65 & Over	2.5	2.3	0.2	2.2	2.1	0.1	0.3	0.3	(Z)	11.6	12.6	(X)
Total	83.4	81.5	1.9	78.2	76.4	1.8	5.2	5.0	0.2	6.2	6.1	10.1
					M A L E							
16-19	2.6	2.5	0.1	2.3	2.2	0.1	0.3	0.3	(Z)	11.1	11.6	(X)
20-24	5.6	5.4	0.2	5.0	4.9	0.1	0.6	0.5	(Z)	10.3	8.9	(X)
25-34	12.4	12.1	0.3	11.6	11.3	0.3	0.8	0.8	(Z)	6.2	6.4	(X)
35-44	11.8	11.6	0.2	11.4	11.2	0.2	0.4	0.4	(Z)	3.3	3.3	(X)
45-64	12.9	12.7	0.2	12.4	12.2	0.2	0.4	0.5	(Z)	3.4	3.8	(X)
65 & Over	1.4	1.3	0.1	1.2	1.2	(Z)	0.2	0.1	(Z)	13.8	7.4	(X)
Total	46.6	45.5	1.1	44.0	43.1	0.9	2.7	2.5	0.1	5.8	5.5	8.3
					F E M A L E							
16-19	2.0	1.9	0.1	1.6	1.6	(Z)	0.4	0.3	(Z)	19.3	15.2	(X)
20-24	4.3	4.2	0.1	3.9	3.8	(Z)	0.4	0.4	(Z)	9.0	9.2	(X)
25-34	10.5	10.3	0.2	9.7	9.5	0.2	0.7	0.7	(Z)	7.6	7.8	(X)
35-44	9.0	8.8	0.2	8.5	8.3	0.2	0.5	0.4	(Z)	5.4	5.7	(X)
45-64	9.9	9.7	0.2	9.3	9.1	0.2	0.6	0.5	(Z)	5.8	6.2	(X)
65 & Over	1.1	1.0	0.1	1.0	0.9	(Z)	0.1	0.1	(Z)	8.8	9.6	(X)
Total	36.8	35.9	0.9	34.1	33.2	0.8	2.5	2.4	0.1	7.6	6.7	10.3

Note: May not add to totals due to rounding. *Projected BLS series estimates for FY 1992.
**In thousands. X Not applicable. Z Less than 50.

Table 17

WEST VIRGINIA
INSURED UNEMPLOYMENT BY INDUSTRY, WEEKS OF DURATION, SEX, AND AGE
ANNUAL AVERAGES FOR FISCAL YEARS 1989 AND 1990

Category	1990	1989	Change		Percent Distribution	
			Number	Percent	1990	1989
INDUSTRY						
Total	14,748	14,515	233	-1.6	100.0	100.0
Mining	1,637	1,691	-54	3.2	11.1	11.7
Construction	2,684	3,246	-562	17.3	18.2	22.4
Manufacturing	2,732	2,381	351	-14.7	18.5	16.4
Durable Goods	1,760	1,402	358	-25.5	11.9	9.7
Nondurable Goods	972	979	-7	0.7	6.6	6.7
Trade	2,276	2,191	85	-3.9	15.4	15.1
All Other	5,418	5,007	411	-8.2	36.7	34.5
WEEKS OF DURATION						
Total	14,748	14,515	233	1.6	100.0	100.0
1 - 2	3,708	3,976	-268	-6.7	25.5	27.4
3 - 4	2,055	1,913	142	7.4	14.2	13.2
5 - 14	5,818	5,426	392	7.2	40.1	37.4
15 & Over	3,167	3,200	-33	-1.0	21.8	22.0
SEX						
Total	14,748	14,515	233	1.6	100.0	100.0
Male	10,663	10,781	-118	-1.1	72.3	74.3
Female	4,084	3,733	351	9.4	27.7	25.7
AGE						
Total	14,748	14,515	233	1.6	100.0	100.0
Under 45	10,395	10,663	-268	-2.5	70.5	73.5
45 & Over	4,353	4,451	-98	-2.2	29.5	30.7
MALE BY AGE						
Total	10,663	10,781	-118	-1.1	100.0	100.0
Under 45	7,616	7,522	94	1.2	71.4	69.8
45 & Over	3,047	3,259	-212	-6.5	28.6	30.2
FEMALE BY AGE						
Total	4,084	3,733	351	9.4	100.0	100.0
Under 45	2,778	2,541	237	9.3	68.0	68.1
45 & Over	1,306	1,192	114	9.6	32.0	31.9

Note: May not add to totals due to rounding. Data are for intrastate claimants and based on mid-month periods.

Table 18

WEST VIRGINIA INDUSTRIAL EMPLOYMENT
HISTORICAL GROWTH PERSPECTIVE
ANNUAL AVERAGES FOR CALENDAR YEARS 1970, 1980, AND FISCAL YEAR 1990

Industry	1970*	1980*	1990*	Change to 1990 from 1980 Number*	Percent
TOTAL NONAGRICULTURAL PAYROLL EMPLOYMENT	516.5	645.9	619.3	-26.6	-4.1
GOODS PRODUCING	205.0	218.7	145.3	-73.4	-33.6
Mining	49.9	65.7	34.0	-31.7	-48.2
Coal Mining	45.3	59.7	28.5	-31.2	-52.3
Construction	28.6	35.8	23.6	-12.2	-34.1
Manufacturing	126.5	117.2	87.7	-29.5	-25.2
Durable Goods	75.9	69.0	49.8	-19.2	-27.8
Lumber & Furniture	7.4	6.7	7.6	0.9	13.4
Stone, Clay & Glass	19.2	14.8	8.2	-6.6	-44.6
Primary Metals	25.4	23.1	15.0	-8.1	-35.1
Fabricated Metal Products	7.5	7.9	5.4	-2.5	-31.6
Machinery, exc. Electrical	5.4	7.5	5.8	-1.7	-22.7
Electrical & Electronic Equipment	4.9	4.2	2.6	-1.6	-38.1
Other Durable Goods	6.0	4.9	2.5	-2.4	-49.0
Nondurable Goods	50.7	48.2	37.9	-10.3	-21.4
Food & Kindred Products	6.8	6.0	4.3	-1.7	-28.3
Apparel & Other Related Products	6.9	4.6	4.1	-0.5	-10.9
Printing & Publishing	4.3	4.5	5.0	0.5	11.1
Chemicals & Allied Products	27.0	24.2	18.0	-6.2	-25.6
Other Nondurable Goods	5.6	8.9	4.5	-4.4	-49.4
SERVICE PRODUCING	311.5	427.2	474.1	46.9	11.0
Transportation & Public Utilities	41.5	43.1	36.5	-6.6	-15.3
Transportation	21.7	20.9	16.4	-4.5	-21.5
Trade	91.6	129.4	145.8	16.4	12.7
Wholesale	23.5	31.6	30.3	-1.3	-4.1
Retail	68.1	97.8	115.4	17.6	18.0
Finance, Insurance, & Real Estate	15.7	22.0	24.2	2.2	10.0
Services	66.8	99.5	140.8	41.3	41.5
Government	95.9	133.1	126.8	-6.3	-4.7
Federal	13.7	16.9	16.8	-0.1	-0.6
State & Local	82.2	116.2	110.0	-6.2	-5.3

Note: March 1989 benchmark used for 1990 data. Figures may not add due to rounding.
* In thousands.
Source: Current Employment Statistics.

Table 18-A

STATE OF WEST VIRGINIA
LABOR FORCE STATISTICS AND NONAGRICULTURAL PAYROLL EMPLOYMENT
CALENDAR YEARS 1980-1989

Industry Group	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	*Labor Force Series (As Calculated by WV Division of Employment Security)									
Civilian Labor Force	773,600	765,500	747,900	745,000	738,600	723,400	710,000	702,900	707,400	708,700
Total Employment	704,200	694,300	665,100	639,400	651,600	648,500	645,300	646,400	658,500	664,700
Total Unemployment	69,300	71,200	82,800	105,600	87,000	74,900	64,700	56,400	49,000	44,000
Unemployment Rate	9.0	9.3	11.1	14.2	11.8	10.4	9.1	8.0	6.9	6.2
	*Labor Force Series (Using U. S. Bureau of Labor Statistics Methodology)									
Civilian Labor Force	788,000	787,000	774,000	771,000	768,000	764,000	743,000	750,000	739,000	767,000
Total Employment	714,000	703,000	666,000	632,000	652,000	664,000	655,000	669,000	665,000	701,000
Total Unemployment	74,000	84,000	108,000	139,000	115,000	100,000	88,000	81,000	74,000	66,000
Unemployment Rate	9.4	10.7	13.9	18.0	15.0	13.1	11.8	10.8	9.9	8.6
	Nonagricultural Payroll Employment Series									
NONAGRICULTURAL PAYROLL EMPLOYMENT (Except Private Household)	645,900	628,500	607,800	582,300	596,600	597,200	597,500	599,000	609,800	612,800
GOODS PRODUCING	218,700	200,800	18,600	160,000	162,300	157,100	150,100	146,600	145,900	144,500
Mining	65,700	59,000	63,500	48,600	48,800	44,800	40,500	36,400	34,600	33,500
Coal Mining	59,700	52,100	56,300	41,800	41,800	38,200	34,800	31,100	29,400	28,000
Construction	35,800	30,300	24,400	21,600	22,000	22,800	22,800	24,000	24,300	23,400
Manufacturing	117,200	111,500	98,100	89,800	91,500	89,500	86,800	86,200	87,000	87,600
Durable Goods	69,000	65,400	53,600	47,700	50,800	49,900	48,700	48,100	48,500	49,900
Nondurable Goods	48,200	46,000	44,500	42,200	40,700	39,600	38,100	38,100	38,500	37,800
SERVICE PRODUCING	427,100	427,800	421,900	422,300	434,300	440,200	447,500	452,400	463,900	468,300
Transportation & Public Utilities	43,100	41,900	41,700	39,400	39,300	38,200	36,900	36,400	36,600	36,400
Trade, Whole & Retail	129,400	131,900	127,900	127,400	131,900	134,500	136,700	138,900	142,700	145,200
Finance, Insurance & Real Estate	22,000	22,100	22,100	22,200	23,200	23,600	23,700	24,100	24,300	24,000
Services	99,500	101,700	103,400	105,500	109,200	116,400	121,300	124,800	131,100	137,500
Government	133,100	130,200	126,800	127,800	130,700	124,500	128,900	128,200	129,300	125,100
State & Local	116,200	114,100	111,400	112,500	115,300	112,000	113,400	112,400	113,100	108,800
Federal	16,900	16,000	15,400	15,300	15,300	15,500	15,500	15,800	16,100	16,300

Note: May not add to totals due to rounding.
* The West Virginia Division of Employment Security and the U. S. Bureau of Labor Statistics use different methodologies in calculating the unemployment rate.
Based on March 1989 benchmark.

Table 18-B

KANAWHA COUNTY SERVICE DELIVERY AREA
LABOR FORCE STATISTICS AND NONAGRICULTURAL PAYROLL EMPLOYMENT
CALENDAR YEARS 1980-1989

Industry Group	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	*Labor Force Series (As Calculated by WV Division of Employment Security)									
Civilian Labor Force	105,320	101,820	98,410	99,790	99,580	97,400	95,740	93,910	94,190	93,400
Total Employment	97,620	93,900	90,450	89,370	89,940	89,410	89,090	87,830	88,840	88,930
Total Unemployment	7,700	7,920	7,950	10,420	9,640	7,990	6,650	6,080	5,360	4,460
Unemployment Rate	7.3	7.8	8.1	10.4	9.7	8.2	6.9	6.5	5.7	4.8
	*Labor Force Series (Using U. S. Bureau of Labor Statistics Methodology)									
Civilian Labor Force	110,392	108,235	104,893	104,513	101,508	102,313	99,599	99,855	97,830	100,460
Total Employment	102,446	99,191	94,582	90,779	88,762	91,654	90,548	91,048	89,710	93,790
Total Unemployment	7,946	9,044	10,311	13,734	12,746	10,659	9,051	8,807	8,120	6,680
Unemployment Rate	7.2	8.4	9.8	13.1	12.6	10.4	9.1	8.8	8.3	6.6
	Nonagricultural Payroll Employment Series									
NONAGRICULTURAL PAYROLL EMPLOYMENT (Except Private Household)	107,540	102,880	99,980	96,210	97,520	97,800	98,110	96,530	97,650	97,740
GOODS PRODUCING	29,010	26,330	24,620	21,060	19,170	18,310	17,650	15,740	15,160	14,940
Mining	6,760	5,770	5,740	4,080	3,330	2,430	2,440	2,160	1,900	1,840
Coal Mining	6,140	5,040	5,040	3,480	2,690	1,800	1,810	1,530	1,120	1,120
Construction	6,090	5,190	4,390	3,950	3,860	3,780	3,780	3,520	3,420	3,330
Manufacturing	16,160	15,370	14,490	13,030	11,980	12,100	11,430	10,060	9,850	9,780
Durable Goods	**	2,460	**	**	1,880	2,060	1,860	1,430	1,320	1,400
Nondurable Goods	**	12,910	**	**	10,100	10,040	9,570	8,630	8,530	8,380
SERVICE PRODUCING	78,530	76,560	75,360	75,160	78,370	79,480	80,470	80,800	82,490	82,800
Transportation & Public Utilities	8,640	8,360	8,050	7,610	7,810	7,550	7,170	7,090	7,380	7,480
Trade, Whole & Retail	24,230	23,710	22,910	22,730	24,250	24,440	24,730	24,520	24,590	24,940
Finance, Insurance & Real Estate	5,030	5,020	4,910	5,040	5,320	5,650	5,710	5,820	6,070	5,970
Services	19,800	20,230	20,480	20,740	21,260	22,130	23,200	23,890	24,510	25,610
Government	20,830	19,240	19,010	19,040	19,730	19,710	19,660	19,480	19,950	18,800
State & Local	19,470	17,950	17,680	17,700	18,300	18,170	18,090	17,840	18,310	17,160
Federal	1,360	1,290	1,330	1,350	1,420	1,540	1,570	1,640	1,640	1,640

Note: May not add to totals due to rounding.
* The West Virginia Division of Employment Security and the U. S. Bureau of Labor Statistics use different methodologies in calculating the unemployment rate.
** Non-disclosure
Based on March 1989 benchmark.

Table 15-C

NORTHERN PANHANDLE SERVICE DELIVERY AREA
LABOR FORCE STATISTICS AND NONAGRICULTURAL PAYROLL EMPLOYMENT
CALENDAR YEARS 1980-1989

Industry Group	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	*Labor Force Series (As Calculated by WV Division of Employment Security)									
Civilian Labor Force	87,300	84,300	80,100	79,200	77,800	76,200	74,800	74,200	73,800	75,100
Total Employment	79,700	77,400	71,500	69,100	69,200	68,600	68,800	69,600	69,400	71,100
Total Unemployment	7,600	6,900	8,600	10,100	8,600	7,600	6,100	4,700	4,400	3,900
Unemployment Rate	8.7	8.2	10.7	12.8	11.0	10.0	8.1	6.3	5.8	5.2
	*Labor Force Series (Using U. S. Bureau of Labor Statistics Methodology)									
Civilian Labor Force	88,200	86,100	85,000	81,600	80,600	80,400	78,200	78,800	77,700	80,900
Total Employment	79,800	78,000	72,400	68,300	69,300	70,300	69,900	72,300	71,100	75,000
Total Unemployment	8,300	8,200	12,600	13,300	11,300	10,100	8,300	6,700	6,600	5,900
Unemployment Rate	9.5	9.5	14.9	16.3	14.1	12.6	10.6	8.5	8.5	7.3
	Nonagricultural Payroll Employment Series									
NONAGRICULTURAL PAYROLL EMPLOYMENT (Except Private Household)	79,660	77,470	71,590	67,800	68,690	67,370	68,160	69,310	70,590	71,130
GOODS PRODUCING	32,740	**	26,100	22,970	23,260	**	**	**	**	23,020
Mining	2,650	**	2,370	1,850	1,820	**	**	**	**	1,600
Coal Mining	**	**	**	1,730	**	**	**	**	**	**
Construction	3,230	2,580	2,350	2,030	2,180	**	**	2,310	2,410	2,250
Manufacturing	26,860	26,350	21,380	19,090	19,260	18,500	18,410	18,510	19,010	19,170
Durable Goods	**	**	**	**	**	**	**	**	13,500	13,830
Nondurable Goods	**	**	**	**	**	**	**	**	5,510	5,350
SERVICE PRODUCING	46,930	**	45,510	44,840	45,460	45,200	46,230	**	47,560	48,120
Transportation & Public Utilities	3,860	3,730	3,520	3,160	3,080	2,970	2,890	3,080	3,160	3,240
Trade, Whole & Retail	14,430	14,310	13,620	13,310	13,460	13,650	13,970	14,260	14,700	15,050
Finance, Insurance & Real Estate	2,780	**	2,810	2,770	2,850	2,770	2,580	**	2,510	2,510
Services	15,000	14,710	14,630	14,560	14,880	15,330	16,060	16,210	16,310	17,000
Government	10,860	10,860	10,930	11,030	11,190	10,420	10,730	10,800	10,880	10,320
State & Local	10,200	10,200	10,290	10,340	10,480	9,740	9,980	10,040	10,100	9,560
Federal	650	660	650	700	710	770	770	760	780	790

Note: May not add to totals due to rounding.
* The West Virginia Division of Employment Security and the U. S. Bureau of Labor Statistics use different methodologies in calculating the unemployment rate.
** Non-disclosure
Based on March 1989 benchmark.

Table 19

NONAGRICULTURAL PAYROLL EMPLOYMENT BY INDUSTRIAL CLASSIFICATION
UNITED STATES, STATE OF WEST VIRGINIA, AND WEST VIRGINIA METROPOLITAN STATISTICAL AREAS
ANNUAL AVERAGES, FISCAL YEAR 1990 a/

Industry	United States		State of West Virginia		Charleston MSA		Huntington-Ashland-Ironton MSA		Parkersburg-Marietta MSA		Wheeling-Bridgeport MSA	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL NONAGRICULTURAL PAYROLL EMPLOYMENT	109,808	100.0	619.3	100.0	110.0	100.0	110.5	100.0	61.9	100.0	60.8	100.0
GOODS PRODUCING	25572.3	23.3	145.3	23.5	17.1	15.5	27.7	25.1	18.1	29.2	11.6	19.1
Mining	741.2	0.7	34.0	5.5	1.9	1.7	1.5	1.4	0.5	0.8	2.2	3.6
Bituminous Coal Mining	--	--	28.5	4.6	--	--	--	--	--	--	--	--
Construction	5350.2	4.9	23.6	3.8	4.3	3.9	5.6	5.1	3.4	5.5	2.1	3.5
Manufacturing	19480.9	17.7	87.7	14.2	10.9	9.9	20.6	18.6	14.2	22.9	7.3	12.0
Durable Goods	11414.1	10.4	49.8	8.0	1.6	1.5	12.2	11.0	7.1	11.5	3.1	5.1
Stone, Clay, & Glass	598.4	0.5	8.2	1.3	--	--	1.7	1.5	1.8	2.9	--	--
Primary & Fabricated Metals	2199.1	2.0	20.4	3.3	--	--	7.7	7.0	2.8	4.5	--	--
Machinery & Transportation Equipment	6159.9	5.6	8.4	1.4	--	--	--	--	--	--	--	--
Nondurable Goods	8066.8	7.3	37.9	6.1	9.3	8.5	8.4	7.6	7.1	11.5	4.3	7.1
Chemicals & Allied Products	1101.5	1.0	18.0	2.9	7.9	7.2	4.5	4.1	5.3	8.6	--	--
SERVICE PRODUCING	84236.3	76.7	474.1	76.6	93.1	84.6	82.8	74.9	43.8	70.8	49.2	80.9
Transportation & Public Utilities	5803.7	5.3	36.5	5.9	9.0	8.2	7.8	7.1	2.6	4.2	3.4	5.6
Wholesale & Retail Trade	26045.4	23.7	145.8	23.5	29.2	26.5	27.9	25.2	15.2	24.6	16.8	27.6
Wholesale Trade	6308.1	5.7	30.3	4.9	7.3	6.6	5.5	5.0	2.8	4.5	2.8	4.6
Retail Trade	19737.3	18.0	115.4	18.6	21.9	19.9	22.4	20.3	12.3	19.9	14.0	23.0
Finance, Insurance, & Real Estate	6886.2	6.3	24.2	3.9	6.3	5.7	3.9	3.5	2.2	3.6	3.0	4.9
Services	27481.3	25.0	140.8	22.7	28.0	25.5	24.3	22.0	14.4	23.3	16.6	27.3
Health	7910.8	7.2	53.7	8.7	10.5	9.5	10.1	9.1	4.5	7.3	7.8	12.8
Government	18019.7	16.4	126.8	20.5	20.6	18.7	19.0	17.2	9.4	15.2	9.3	15.3
Federal	3072.2	2.8	16.8	2.7	1.8	1.6	3.0	2.7	1.8	2.9	0.8	1.3
State	4183.7	3.8	38.9	6.3	10.0	9.1	4.7	4.3	1.1	1.8	1.7	2.8
Local	10763.8	9.8	71.1	11.5	8.7	7.9	11.3	10.2	6.6	10.7	6.8	11.2

Note: May not add to totals due to rounding.
-- Represents zero or rounds to zero.
NA Not Available.
* In thousands.
a/ Data based on March 19[illegible] benchmark.

TABLE 20

LABOR FORCE STATISTICS
UNITED STATES, STATE OF WEST VIRGINIA, AND
WEST VIRGINIA METROPOLITAN STATISTICAL AREAS
WV SERIES LABOR FORCE DATA (AS CALCULATED BY WV DIVISION OF EMPLOYMENT SECURITY)
ANNUAL AVERAGE, FISCAL YEAR 1990 a/

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ANALYSIS

Item	United States	State of West Virginia	Metropolitan Statistical Area			
			Charleston	Huntington-Ashland-Ironton	Parkersburg-Marietta	Wheeling-Bridgeport
Civilian Labor Force	124,489	714.4	110.4	124.0	68.4	68.4
Total Employment	117,900	671.1	105.4	118.8	65.6	65.6
Total Unemployment	6,589	43.3	5.1	5.2	2.8	2.8
Unemployment Rate	5.3	6.1	4.6	4.2	4.1	4.1

Note: May not add to totals due to rounding.

TABLE 20-A

LABOR FORCE STATISTICS
UNITED STATES, STATE OF WEST VIRGINIA, AND
WEST VIRGINIA METROPOLITAN STATISTICAL AREAS
BLS SERIES LABOR FORCE DATA (USING U.S. BUREAU OF LABOR STATISTICS METHODOLOGY)
ANNUAL AVERAGE, FISCAL YEAR 1990 a/

THESE LABOR FORCE STATISTICS WERE DESIGNED TO BE USED FOR ECONOMIC ASSISTANCE

Item	United States	State of West Virginia	Metropolitan Statistical Area			
			Charleston	Huntington-Ashland-Ironton	Parkersburg-Marietta	Wheeling-Bridgeport
Civilian Labor Force	124,489	767.2	118.0	131.3	72.8	72.8
Total Employment	117,900	705.8	110.8	122.8	68.3	68.3
Total Unemployment	6,589	61.4	7.2	8.4	4.5	4.5
Unemployment Rate	5.3	8.0	6.1	6.4	6.2	6.2

Note: May not add to totals due to rounding.
a/ State of West Virginia and MSA data based on March 1989 benchmark.

Table 21

FEDERAL POVERTY INCOME GUIDELINES
PROGRAM YEAR 1990

Size of Family Unit	Poverty Guideline
Poverty Income Guidelines for All States except Alaska and Hawaii	
1	$ 6,280
2	8,420
3	10,560
4	12,700
5	14,840
6	16,980
7	19,120
8	21,260

For family units with more than 8 members, add $2,140 for each additional member.

Note: The figures above also apply to the District of Columbia.

Poverty Income Guidelines for Alaska	
1	$ 7,840
2	10,520
3	13,200
4	15,880
5	18,560
6	21,240
7	23,920
8	26,600

For family units with more than 8 members, add $2,680 for each additional member.

Poverty Income Guidelines for Hawaii	
1	$ 7,230
2	9,690
3	12,150
4	14,610
5	17,070
6	19,530
7	21,990
8	24,450

For family units with more than 8 members, add $2,460 for each additional member.

Source: U. S. Office of Management and Budget.

Table 21-A

WEST VIRGINIA
FEDERAL "ECONOMICALLY DISADVANTAGED" LEVELS
FOR JTPA AND TJTC PROGRAMS

Size of Family Unit	Metropolitan	Non-Metropolitan
1	$6,280 *	$6,280 *
2	8,420 *	8,420 *
3	11,040	10,560
4	13,620	12,710
5	16,080	15,000
6	18,800	17,540
7	21,520	20,080
8	24,240	22,620

For families larger than eight persons, add $2,720 for each additional member of a metropolitan family and $2,540 for each additional member of a non-metropolitan family.

*Adjusted to poverty level (higher than lower living standard income levels.)

West Virginia counties contained within a Metropolitan Statistical Area: Brooke, Cabell, Hancock, Kanawha, Marshall, Mineral, Ohio, Putnam, Wayne, and Wood.

Source: U. S. Office of Management and Budget
Revised April 1990

Table 22

WEST VIRGINIA
PRODUCTION WORKERS' HOURS AND EARNINGS (CURRENT DOLLARS)
ANNUAL AVERAGES FOR FISCAL YEARS 1989 AND 1990*

Industry	Annual Averages Hourly Earnings		Weekly Hours		Weekly Earnings	
	1989	1990	1989	1990	1989	1990
Manufacturing	$10.92	$11.34	41.1	40.7	$448.62	$461.53
Durable Goods	11.03	11.31	40.9	40.7	451.31	460.32
Stone, Clay, & Glass Products	10.67	10.94	40.6	39.9	433.47	436.51
Primary Metals	13.82	13.96	44.4	42.6	613.44	594.70
Fabricated Metal Products	10.33	10.77	35.6	37.6	367.37	404.95
Machinery, except Electrical	11.36	11.60	38.9	39.9	442.51	462.84
Electrical & Electronic Equipment	11.56	12.05	39.7	41.3	458.68	497.67
Nondurable Goods	10.76	11.39	41.3	40.7	444.78	463.57
Food & Kindred Products	8.00	8.80	40.7	42.3	325.95	372.24
Apparel & Related Products	5.47	5.68	35.3	30.9	193.16	175.51
Printing & Publishing	9.21	9.10	41.6	40.7	382.75	370.37
Chemicals & Allied Products	15.04	15.54	43.9	44.4	660.50	689.98
Bituminous Coal Mining	17.29	17.83	41.5	43.7	717.92	779.17
Construction	13.58	13.01	38.6	38.1	524.76	495.68
Electric, Gas, & Sanitary Services	13.76	14.32	41.6	41.7	572.45	597.14
Trade, Wholesale	10.09	9.97	40.9	40.1	412.45	399.80
General Merchandise Stores	5.88	6.29	29.6	29.7	174.15	186.81
Health Services	7.71	8.12	34.6	34.9	266.52	283.39

*March 1989 benchmark.
Source: Current Employment Statistics.

Table 23

WEST VIRGINIA
PRODUCTION WORKERS' REAL EARNINGS
(Adjusted to Constant 1967 Dollars by Consumer Price Index)
ANNUAL AVERAGES FOR FISCAL YEARS 1989 AND 1990*

Industry	Average Hourly Earnings		Average Weekly Earnings		Percent Change	
	1989	1990	1989	1990	Hourly	Weekly
Manufacturing	$3.01	$2.98	$123.59	$121.36	-1.0	-1.8
Durable Goods	3.04	2.97	124.33	121.04	-2.3	-2.6
Stone, Clay, & Glass Products	2.94	2.88	119.41	114.78	-2.0	-3.9
Primary Metals	3.81	3.67	168.99	156.38	-3.7	-7.5
Fabricated Metal Products	2.85	2.83	101.20	106.48	-0.7	5.2
Machinery, except Electrical	3.13	3.05	121.90	121.70	-2.6	-0.2
Electrical & Electronic Equipment	3.18	3.17	126.36	130.86	-0.3	3.6
Nondurable Goods	2.96	3.00	122.53	121.80	1.3	-0.6
Food & Kindred Products	2.20	2.31	89.79	97.88	5.0	9.0
Apparel & Related Products	1.51	1.49	53.21	46.15	-1.0	-13.3
Printing & Publishing	2.54	2.39	05.44	97.39	-5.9	-7.6
Chemicals & Allied Products	4.14	4.09	181 96	181.43	-1.2	-0.3
Bituminous Coal Mining	4.76	4.69	197.77	204.88	-1.5	3.6
Construction	3.74	3.42	144.56	130.34	-8.6	-9.8
Electric, Gas, & Sanitary Services	3.79	3.77	157.70	157.02	-0.5	-0.4
Trade, Wholesale	2.78	2.62	113.62	105.13	-5.8	-7.5
General Merchandise Stores	1.62	1.65	47.98	49.12	1.9	2.4
Health Services	2.12	2.14	73.42	74.52	0.9	1.5

*March 1989 benchmark.
Source: Current Employment Statistics.

Table 24 /

WEST VIRGINIA
ESTIMATED ECONOMICALLY DISADVANTAGED BY COUNTY AND AGE
Calendar Year 1988

County	Total	Age under 16	Age 16 to 21	Age 22 to 54	Age 55 and over
West Virginia	305,141	78,447	33,076	126,331	67,287
Barbour	3,632	922	433	1,411	866
Berkeley	5,924	1,541	575	2,525	1,283
Boone	5,314	1,561	496	2,265	992
Braxton	3,580	901	342	1,418	919
Brooke	2,919	695	357	1,217	650
Cabell	14,097	3,163	1,604	5,859	3,471
Calhoun	2,369	604	230	950	585
Clay	3,872	1,194	392	1,493	793
Doddridge	1,619	438	166	604	411
Fayette	9,922	2,574	1,121	3,801	2,426
Gilmer	1,858	446	294	674	444
Grant	2,384	636	243	986	519
Greenbrier	5,628	1,367	571	2,323	1,367
Hampshire	2,261	597	226	930	508
Hancock	3,082	743	317	1,339	683
Hardy	1,886	453	198	766	469
Harrison	11,985	2,852	1,193	4,837	3,103
Jackson	4,027	1,058	444	1,757	768
Jefferson	3,389	872	411	1,423	683
Kanawha	27,963	6,365	2,775	12,397	6,426
Lewis	3,381	992	371	1,344	674
Lincoln	6,193	1,817	679	2,462	1,235
Logan	11,084	3,249	1,154	4,607	2,074
McDowell	12,954	3,957	1,378	5,002	2,617
Marion	9,211	2,148	978	3,715	2,370
Marshall	4,067	1,035	380	1,763	889
Mason	4,095	1,040	435	1,774	846
Mercer	11,270	2,807	1,176	4,566	2,721
Mineral	3,452	904	400	1,408	740
Mingo	8,941	2,826	950	3,646	1,519
Monongalia	11,481	2,245	2,228	5,045	1,963
Monroe	2,479	622	253	975	629
Morgan	1,834	459	163	779	433
Nicholas	5,121	1,448	512	2,146	1,015
Ohio	6,862	1,420	821	2,781	1,840
Pendleton	1,397	333	130	577	357
Pleasants	1,114	298	126	462	228
Pocahontas	1,220	299	115	468	338
Preston	6,505	1,784	651	2,625	1,445
Putnam	4,542	1,215	435	2,111	781
Raleigh	12,274	3,277	1,159	5,123	2,715
Randolph	5,047	1,230	585	2,063	1,169
Ritchie	2,114	541	206	791	576
Roane	3,185	787	322	1,270	806
Summers	3,467	824	317	1,493	833
Taylor	2,626	678	243	1,079	626
Tucker	1,418	352	143	562	361
Tyler	1,717	464	171	691	391
Upshur	4,378	1,095	628	1,730	925
Wayne	9,225	2,490	1,003	3,896	1,836
Webster	3,422	986	338	1,341	757
Wetzel	2,784	743	285	1,148	608
Wirt	921	236	110	362	213
Wood	9,984	2,502	1,016	4,286	2,180
Wyoming	7,665	2,362	827	3,265	1,211

Table 24-A

WEST VIRGINIA AND SERVICE DELIVERY AREAS
ESTIMATED ECONOMICALLY DISADVANTAGED BY COUNTY AND AGE

Calendar Year 1988

State & SDA	Total	Age under 16	Age 16 to 21	Age 22 to 54	Age 55 and over
West Virginia	305,141	78,447	33,076	126,331	67,287
Kanawha County SDA	27,963	6,365	2,775	12,397	6,426
Northern Panhandle SDA*	21,431	5,100	2,331	8,939	5,061
Balance of State**	255,747	66,982	27,970	104,995	55,800

*Counties within Northern Panhandle Service Delivery Area: Brooke, Hancock, Marshall, Ohio, Tyler, and Wetzel.

**Balance of State is West Virginia less Kanawha County SDA and Northern Panhandle SDA.

Table 25

WEST VIRGINIA
ESTIMATED DISLOCATED WORKERS, BY COUNTY AND INDUSTRY
April 1989

County	Manufacturing	Construction	Mining	Total
West Virginia	16,480	8,540	11,120	36,140
Barbour	30	0	250	280
Berkeley	290	80	0	370
Boone	20	0	290	310
Braxton	10	10	0	20
Brooke	550	50	20	620
Cabell	1,900	490	0	2,390
Calhoun	60	40	40	140
Clay	0	20	10	30
Doddridge	0	40	10	50
Fayette	330	190	440	960
Gilmer	30	40	20	90
Grant	0	50	400	450
Greenbrier	80	120	70	270
Hampshire	0	20	0	20
Hancock	3,320	150	0	3,470
Hardy	40	40	0	80
Harrison	850	550	440	1,840
Jackson	870	20	140	1,030
Jefferson	100	70	40	210
Kanawha	2,320	1,910	1,680	5,910
Lewis	50	60	0	110
Lincoln	20	30	10	60
Logan	70	130	280	480
McDowell	0	30	2,100	2,130
Marion	650	360	0	1,010
Marshall	530	90	510	1,130
Mason	210	60	0	270
Mercer	160	150	60	370
Mineral	120	160	0	280
Mingo	70	130	0	200
Monongalia	280	690	90	1,060
Monroe	50	40	0	90
Morgan	0	40	0	40
Nicholas	290	210	360	860
Ohio	750	280	50	1,080
Pendleton	0	10	0	10
Pleasants	70	50	0	120
Pocahontas	30	50	0	80
Preston	120	110	20	250
Putnam	70	40	0	110
Raleigh	80	460	1,540	2,080
Randolph	230	110	170	510
Ritchie	40	0	0	40
Roane	120	0	30	150
Summers	40	160	0	200
Taylor	0	70	0	70
Tucker	40	60	10	110
Tyler	60	20	0	80
Upshur	20	240	40	300
Wayne	110	110	0	220
Webster	10	60	0	70
Wetzel	40	280	80	400
Wirt	0	0	20	20
Wood	1,350	310	20	1,680
Wyoming	0	50	1,880	1,930

NOTE: May not add to totals due to independent rounding. These data are not precise as they have been adjusted due to the erosion of the labor force.

TABLE 25-A
WEST VIRGINIA AND SERVICE DELIVERY AREAS
ESTIMATED DISLOCATED WORKERS, BY INDUSTRY
April 1989

State & SDAs	Manufacturing	Construction	Mining	Total
West Virginia	16,480	8,540	11,120	36,140
Kanawha County SDA	2,320	1,910	1,680	5,910
Northern Panhandle SDA*	5,250	870	660	6,780
Balance of State**	8,910	5,760	8,780	23,450

NOTE: These data are not precise as they have been adjusted due to the erosion of the labor force.

*Counties within Northern Panhandle Service Delivery Area: Brooke, Hancock, Marshall, Ohio, Tyler, and Wetzel.

**Balance of State is West Virginia less Kanawha County SDA and Northern Panhandle SDA.

Table 26

WEST VIRGINIA
DISLOCATED WORKERS REGISTERED WITH THE WEST VIRGINIA JOB SERVICE OFFICES
DEGREE OF SERVICE PROVIDED SELECTED APPLICANT GROUPS
JULY 1, 1989 - JUNE 30, 1990

Characteristics of Applicants	Applicants Available	New and Renewal Applicants	Some Service	Positive Terminal Service	Inactivated With Some Service	Referred to Job	Placed	Counseled Tested		Referred Supportive Service	JS Work Shop Job Finding Club	Referred to Training	Enrolled in Training
TOTAL	17,410	12,568	11,862	2,701	9,654	5,866	1,719	1,160	4,374	3,581	63	962	613
Sex													
Male	12,428	8,818	8,606	1,817	6,996	4,154	1,164	845	2,897	2,986	39	571	342
Female	4,983	3,750	3,256	884	2,658	1,712	555	315	1,477	595	24	391	271
Age													
16-19	576	524	427	99	302	200	70	36	159	51	4	26	20
20-21	834	688	604	150	450	315	101	46	232	151	0	54	34
22-39	10,284	7,596	7,022	1,652	5,644	3,573	1,051	687	2,735	1,989	24	605	387
40-54	4,597	3,119	3,137	669	2,642	1,518	420	335	1,061	1,148	28	242	151
55 & Over	1,116	638	672	131	615	260	77	56	187	242	7	35	21
Race/Ethnic													
White	16,418	11,845	11,131	2,487	9,030	5,404	1,557	1,068	4,111	3,358	59	883	569
Black	894	653	662	186	560	418	138	84	243	208	4	76	42
Hispanic	55	36	35	19	37	25	8	2	5	7	0	1	1
American Indian & Alaskan Native	18	13	14	4	12	10	2	2	4	4	0	1	0
Asian & Pacific Islander	23	20	19	5	14	9	4	4	11	4	0	1	1
INA	3	1	1	0	1	0	0	0	0	0	0	0	0

Source: ESARS (Employment Security Automated Reporting System) Table D18.
INA Information Not Available.

Table 27

WEST VIRGINIA
DISLOCATED WORKERS REGISTERED WITH THE WEST VIRGINIA JOB SERVICE OFFICES
OCCUPATIONAL CATEGORY BY SEX, AGE, AND RACE
JULY 1, 1989 - JUNE 30, 1990

DOT Occupational Category	Total	SEX		AGE					RACE			
		Male	Female	16-19	20-21	22-39	40-54	55 & Over	White	Black	Hispanic	Other
TOTAL	16,945	12,105	4,840	565	807	9,978	4,493	1,098	15,994	857	54	40
Professional, Technical & Managerial	1,638	1,076	562	9	39	946	519	125	1,557	71	5	5
Clerical & Sales	3,152	905	2,247	160	203	1,857	723	208	2,952	183	6	11
Services	1,597	746	851	63	83	869	431	150	1,434	154	5	4
Agricultural, Fishery & Forestry	92	85	7	7	12	47	16	10	77	1	14	0
Processing	1,038	804	234	32	55	628	258	65	932	42	2	2
Machine Trades	1,362	1,291	71	32	55	794	377	104	1,317	40	4	1
Benchwork	1,083	647	436	26	35	647	301	74	1,050	29	0	4
Structural Work	3,391	3,326	65	120	181	2,039	882	169	3,233	147	8	3
Miscellaneous	3,567	3,210	357	115	143	2,140	976	191	3,357	190	10	10

Source: ESARS (Employment Security Automated Reporting System).

Table 28

WEST VIRGINIA
APPLICANTS AND JOB OPENINGS LISTED WITH THE
WEST VIRGINIA JOB SERVICE OFFICES 1/
FISCAL YEAR 1990 (JULY 1, 1989 - JUNE 30, 1990)

D.O.T. Code	Occupational Title	Nonagricultural Job Openings				
		Total Available Applicant Program Year 2/	Job Openings Received Program Year 2/	Filled	Filled as Percent of Openings Received	Available Applicants to Job Openings
---	Total, All Categories 3/	164,721	43,350	26,940	62.1	3.8
0-1	Professional, Technical, and Managerial	14,757	3,270	1,221	37.3	4.5
2	Clerical & Sales	47,509	11,493	6,855	59.6	4.1
20-24	Clerical	37,104	7,505	4,416	58.8	4.9
25-29	Sales	10,405	3,988	2,439	61.2	2.6
3	Services	21,092	8,118	4,804	59.2	2.6
4	Farming, Fishery, & Forestry	1,028	613	201	32.8	1.7
5	Processing	8,857	768	433	56.4	11.5
6	Machine Trades	9,980	1,586	631	39.8	6.3
7	Benchwork	6,999	1,371	956	69.7	5.1
8	Structural Work	23,610	3,517	1,623	46.1	6.7
9	Miscellaneous	30,141	12,614	10,216	81.0	2.4
900-919	Motor Freight	7,249	1,367	587	42.9	5.3
920-929	Package & Material Handling	19,422	10,920	9,529	87.3	1.8
930-979	Other Miscellaneous 4/	3,470	327	100	30.6	10.6
	Entry Total 5/	748	0	6/	xx	xx

1/ Source of data: ESARS (Employment Security Automated Reporting System) Table A96, containing fully registered applicants.
2/ Fiscal Year 1990 defined as July 1, 1989, through June 30, 1990.
3/ Total excludes invalid occupational data.
4/ Includes mining, logging, utilities, miscellaneous amusement and recreation, and graphic art work.
5/ Applicants for whom a complete occupational code cannot be assigned because of lack of training/experience.
6/ Entry level placements are arrayed in the listed occupational categories.

Table 28-A

WEST VIRGINIA, LESS KANAWHA COUNTY SERVICE DELIVERY AREA,
LESS NORTHERN PANHANDLE SERVICE DELIVERY AREA,
APPLICANTS AND JOB OPENINGS LISTED WITH THE
WEST VIRGINIA JOB SERVICE OFFICES 1/
FISCAL YEAR 1990 (JULY 1, 1989 - JUNE 30, 1990)

D.O.T. Code	Occupational Title	Nonagricultural Job Openings: Total Available Applicant Program Year 2/	Job Openings Received Program Year 2/	Filled	Filled as Percent of Openings Received	Available Applicants to Job Openings
---	Total, All Categories 3/	135,498	35,316	22,421	63.5	3.8
0-1	Professional, Technical, and Managerial	11,655	2,581	1,066	41.3	4.5
2	Clerical & Sales	39,196	9,043	5,777	63.9	4.3
20-24	Clerical	30,891	5,957	3,758	63.1	5.2
25-29	Sales	8,305	3,086	2,019	65.4	2.7
3	Services	17,731	6,722	4,103	61.0	2.6
4	Farming, Fishery, & Forestry	913	582	190	32.6	1.6
5	Processing	5,844	419	202	48.2	13.9
6	Machine Trades	8,434	1,376	528	38.4	6.1
7	Benchwork	6,564	1,261	889	70.5	5.2
8	Structural Work	19,825	2,933	1,312	44.7	6.8
9	Miscellaneous	24,750	10,399	8,354	80.3	2.4
900-919	Motor Freight	5,967	1,065	428	40.2	5.6
920-929	Package & Material Handling	15,584	9,040	7,834	86.7	1.7
930-979	Other Miscellaneous 4/	3,199	294	92	31.3	10.9
	Entry Total 5/	586	0	6/	xx	xx

1/ Source of data: ESARS (Employment Security Automated Reporting System).
2/ Fiscal Year 1990 defined as July 1, 1989, through June 30, 1990.
3/ Total excludes invalid occupational data.
4/ Includes mining, logging, utilities, miscellaneous amusement and recreation, and graphic art work.
5/ Applicants for whom a complete occupational code cannot be assigned because of lack of training/experience.
6/ Entry level placements are arrayed in the listed occupational categories.

Table 28-B

KANAWHA COUNTY
APPLICANTS AND JOB OPENINGS LISTED WITH THE
WEST VIRGINIA JOB SERVICE OFFICES 1/
FISCAL YEAR 1990 (JULY 1, 1989 - JUNE 30, 1990)

D.O.T. Code	Occupational Title	Nonagricultural Job Openings: Total Available Applicant Program Year 2/	Job Openings Received Program Year 2/	Filled	Filled as Percent of Openings Received	Available Applicants to Job Openings
---	Total, All Categories 3/	14,651	4,584	2,410	52.6	3.2
0-1	Professional, Technical, and Managerial	2,089	606	141	23.3	3.4
2	Clerical & Sales	4,977	1,559	586	37.6	3.2
20-24	Clerical	3,776	1,098	449	40.9	3.4
25-29	Sales	1,201	461	137	29.7	2.6
3	Services	1,556	736	401	54.5	2.1
4	Farming, Fishery, & Forestry	81	21	8	38.1	3.9
5	Processing	378	78	39	50.0	4.8
6	Machine Trades	915	78	40	51.3	11.7
7	Benchwork	125	16	6	37.5	7.8
8	Structural Work	2,095	365	241	66.0	5.7
9	Miscellaneous	2,368	1,125	948	84.3	2.1
900-919	Motor Freight	701	135	54	40.0	5.2
920-929	Package & Material Handling	1,496	979	889	90.8	1.5
930-979	Other Miscellaneous 4/	171	11	5	45.5	15.5
	Entry Total 5/	67	0	6/	xx	xx

1/ Source of data: ESARS (Employment Security Automated Reporting System).
2/ Fiscal Year 1990 defined as July 1, 1989, through June 30, 1990.
3/ Total excludes invalid occupational data.
4/ Includes mining, logging, utilities, miscellaneous amusement and recreation, and graphic art work.
5/ Applicants for whom a complete occupational code cannot be assigned because of lack of training/experience.
6/ Entry level placements are arrayed in the listed occupational categories.

Table 28-C

NORTHERN PANHANDLE
APPLICANTS AND JOB OPENINGS LISTED WITH THE
WEST VIRGINIA JOB SERVICE OFFICES 1/
FISCAL YEAR 1990 (JULY 1, 1989 - JUNE 30, 1990)

D.O.T. Code	Occupational Title	Nonagricultural Job Openings				
		Total Available Applicant Program Year 2/	Job Openings Received Program Year 2/	Filled	Filled as Percent of Openings Received	Available Applicants to Job Openings
---	Total, All Categories 3/	14,572	3,450	2,109	61.1	4.2
0-1	Professional, Technical, and Managerial	1,013	83	14	16.9	12.2
2	Clerical & Sales	3,336	891	492	55.2	3.7
20-24	Clerical	2,437	450	209	46.4	5.4
25-29	Sales	899	441	283	64.2	2.0
3	Services	1,805	660	300	45.5	2.7
4	Farming, Fishery, & Forestry	34	10	3	30.0	3.4
5	Processing	2,635	271	192	70.8	9.7
6	Machine Trades	631	132	63	47.7	4.8
7	Benchwork	310	94	61	64.9	3.3
8	Structural Work	1,690	219	70	32.0	7.7
9	Miscellaneous	3,023	1,090	914	83.9	2.8
900-919	Motor Freight	581	167	105	62.9	3.5
920-929	Package & Material Handling	2,342	901	806	89.5	2.6
930-979	Other Miscellaneous 4/	100	22	3	13.6	4.5
	Entry Total 5/	95	0	6/	xx	xx

1/ Source of data: ESARS (Employment Security Automated Reporting System).
2/ Fiscal Year 1990 defined as July 1, 1989, through June 30, 1990.
3/ Total excludes invalid occupational data.
4/ Includes mining, logging, utilities, miscellaneous amusement and recreation, and graphic art work.
5/ Applicants for whom a complete occupational code cannot be assigned because of lack of training/experience.
6/ Entry level placements are arrayed in the listed occupational categories.

Table 29

LABOR DEMAND BY OCCUPATION
(Occupations For Which 50 To Less Than 125 Openings Were Received In West Virginia Job Services Offices)
July 1, 1989 - June 30, 1990

D.O.T. Code	Job Title	Openings Received
311.677-014	Counter Attendant, Cafeteria	50
860.381-026	Carpenter Apprentice	50
279.357-062	Salesperson, Parts	51
819.361-010	Welder-Fitter	52
549.687-018	Laborer, Petroleum Refinery	54
312.474-010	Bartender	55
321.137-010	Housekeeper	57
625.281-010	Diesel Mechanic	57
160.167-010	Accountant	58
185.167-046	Manager, Retail Store	58
361.684-014	Laundry Worker 1	58
311.477-026	Waiter/Waitress, Formal	59
381.687-018	Cleaner, Industrial	59
203.582-054	Terminal Operator	60
861.381-018	Bricklayer	60
915.467-010	Automobile-Service-Station Attendant	65
214.382-014	Billing Typist	66
840.381-010	Painter	67
238.362-010	Hotel Clerk	71
638.281-014	Maintenance Mechanic	76
899.133-010	Supervisor, Labor Gang	78
315.361-010	Cook	81
372.667-038	Merchant Patroller	81
222.387-026	Inventory Clerk	84
222.387-050	Shipping and Receiving Clerk	84
355.677-010	Food-Service Worker, Hospital	84
222.387-058	Stock Clerk	85
355.674-010	Child-Care Attendant, School	85
241.357-010	Collection Clerk	86
558.585-014	Chemical Operator 2	86
291.457-010	Cigarette Vendor	87
355.377-014	Psychiatric Aide	87
653.685-010	Bindery Worker	87
859.683-010	Operating Engineer	89
902.683-010	Dump-Truck Driver	89
866.381-010	Roofer	94
316.684-014	Deli Cutter-Slicer	97
216.482-010	Accounting Clerk	100
810.384-014	Welder, Arc	104
250.257-010	Sales Agency, Insurance	105
292.353-010	Driver, Sales Route	108
311.477-014	Counter Attendant, Lunchroom or Coffee	108
203.362-022	Word-Processing-Machine Operator	110
600.280-022	Machinist	114
235.662-018	Directory-Assistance Operator	117
189.167-018	Management Trainee	118
309.677-010	Companion	118
209.387-014	Compiler	119
079.374-014	Nurse, Licensed Practical	122
819.384-010	Welder, Combination	123

Table 29-A

LABOR DEMAND BY OCCUPATION
(Occupations For Which 125 or More Openings
Were Received In West Virginia Job Services Offices)
July 1, 1989 - June 30, 1990

D.O.T. Code	Job Title	Openings Received
311.477-010	Car Hop	126
323.687-014	Cleaner, Housekeeping	129
203.582-022	Data Typist	130
237.367-038	Receptionist	137
906.683-022	Truck Driver, Light	137
905.663-014	Truck Driver, Heavy	140
313.361-022	Cook, Short Order 1	144
354.377-014	Home Attendant	147
299.477-010	Deliverer, Merchandise	153
372.667-018	Correction Officer	153
219.362-010	Administrative Clerk	154
211.362-018	Teller	158
382.664-010	Janitor	160
786.685-030	Sewing-Machine Operator, Semi-Automatic	162
669.380-014	Machinist, Wood	164
203.362-010	Clerk-Typist	168
706.687-010	Assembler, Production	180
299.357-014	Telephone Solicitor	185
860.381-022	Carpenter	185
899.381-010	Maintenance Repairer, Building	196
824.261-010	Electrician	206
213.362-010	Computer Operator	211
211.462-010	Cashier 2	212
318.687-010	Kitchen Helper	220
620.261-010	Automobile Mechanic	230
529.686-070	Production Helper	235
301.687-010	Caretaker	247
299.677-010	Sales Attendant	249
279.357-054	Salesperson, General Merchandise	254
920.687-014	Bagger	255
299.367-014	Stock Clerk, Self-Service Store	257
869.684-082	Asbestos Removal Worker	265
210.382-014	Bookkeeper 1	272
301.687-014	Day Worker	281
381.687-014	Cleaner, Commercial or Institutional	292
403.687-018	Harvest Worker, Fruit	307
869.687-026	Construction Worker 2	308
311.477-030	Waiter/Waitress, Informal	321
922.687-058	Laborer, Stores	322
201.362-030	Secretary	336
372.667-034	Guard, Security	442
904.383-010	Tractor-Trailer-Truck Driver	518
787.682-046	Sewing-Machine Operator	603
301.687-018	Yard Worker	620
869.664-014	Construction Worker 1	629
313.361-014	Cook	769
355.674-014	Nurse Aide	790
290.477-014	Sales Clerk	811
920.587-018	Packager, Hand	812
290.477-018	Sales Clerk, Food	872
311.472-010	Fast-Foods Worker	939
205.367-054	Survey Worker	1,008
209.562-010	Clerk, General	1,066
070.101-022	General Practitioner	1,310
211.462-014	Cashier-Checker	1,450
929.687-030	Material Handler	9,207

Table 10

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR GROUP, SUB-GROUPS AND SELECTED
OCCUPATIONS SHOWING ANNUAL OPENINGS OF 150 OR GREATER

Occupation	Employment 1988	Employment 2000	Net Change	Projected Average Annual Job Openings: Due to Growth	Due to Separation	Due to Transfers	Total
TOTAL, ALL OCCUPATIONS	667,200	731,440	64,240	4,810	23,510	55,100	83,220
MANAGERIAL AND MANAGEMENT RELATED OCCUPATIONS	44,880	51,730	6,850	520	1,920	2,770	5,210
Financial managers	4,290	4,660	380	30	110	260	400
Marketing, advertising, and public relations managers	1,520	1,810	290	20	50	100	160
Education administrators	2,600	2,600	0	0	80	160	240
Food service and lodging managers	2,980	3,370	390	30	130	180	340
General managers and top executives	14,170	16,080	1,900	150	630	860	1,640
PROFESSIONAL, PARAPROFESSIONAL, TECHNICAL OCCUPATIONS	121,950	134,620	12,670	940	3,720	5,850	10,510
Accountants and auditors	4,110	4,850	750	60	150	260	470
Personnel, training, and labor relations specialists	1,320	1,420	100	10	40	120	170
Engineers	5,530	7,070	1,540	110	160	300	560
Engineering technicians	5,260	5,820	560	40	60	170	270
Drafters	1,580	1,490	90	(10)	30	130	150
Physical and life science technicians	2,070	2,280	210	20	40	140	190
Computer and related occupations	2,060	2,700	640	50	20	90	160
Social workers	2,760	3,010	250	20	80	130	230
Lawyers	2,340	2,510	180	10	180	60	250
Legal assistants and technicians	720	970	250	20	50	100	170
College and university faculty	6,460	6,400	60	0	180	630	800
Teachers, secondary school	9,160	9,110	50	0	180	420	600
Teachers, vocational education	3,000	3,000	0	0	160	120	280
Librarians, archivists, curators	2,360	2,360	20	0	100	160	260
Physicians and surgeons	3,270	3,260	20	0	200	20	210
Registered nurses	11,550	14,810	3,260	250	150	280	880
Licensed practical nurses	5,400	6,030	630	50	260	220	530
Medical technicians and technologists	5,630	6,990	1,360	100	110	230	440
Designers	1,110	1,310	200	20	60	100	170
SALES AND RELATED OCCUPATIONS	70,200	82,930	12,730	970	3,420	7,710	12,110
Insurance sales workers	2,600	3,030	430	30	120	120	260
Sales agents, real estate	800	920	120	10	70	100	180
Salespersons, retail	22,680	27,160	4,470	340	1,330	2,370	4,040
Stock clerks, sales floor	7,670	8,800	1,130	90	430	1,150	1,660
Cashiers	15,170	18,890	3,720	290	400	1,860	2,540
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	102,550	103,010	460	30	3,030	9,960	13,030
Tellers	3,620	3,850	220	20	70	490	570
Teacher aides and education assistants	3,700	3,750	50	0	170	400	570
Secretaries	18,320	18,320	200	20	480	1,220	1,710
Receptionists, information clerks	3,360	3,710	350	30	120	440	580
Typists and word processors	3,110	2,240	870	(70)	30	290	250
Order clerks: materials, service	1,010	940	70	(10)	40	130	160
Bookkeeping and accounting clerks	10,680	10,260	430	(30)	470	710	1,150
Billing, cost and rate clerks	1,930	1,790	140	(10)	40	200	230
General office clerks	16,030	16,930	900	70	600	1,800	2,460
Computer operators, except peripheral equipment	1,160	1,410	250	20	10	160	190
Data entry keyers, except composing	1,580	1,120	460	(40)	10	190	160
Switchboard operators	1,420	1,470	50	0	40	160	200
Stock clerks:stockroom or warehouse	4,070	3,670	400	(30)	70	560	600
Order fillers, sales	1,480	1,370	110	(10)	30	190	210
Traffic, shipping, and receiving clerks	2,590	2,620	30	0	80	350	430
SERVICE OCCUPATIONS	111,610	128,450	16,850	1,280	5,700	11,640	18,610
Housekeepers, institutional	750	850	90	10	110	80	200
Child care workers, private household	3,990	3,850	140	(10)	290	240	520
Cleaners and servants, private household	5,770	6,290	520	40	700	280	1,020

Table 30

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR GROUP, SUB-GROUPS AND SELECTED
OCCUPATIONS SHOWING ANNUAL OPENINGS OF 150 OR GREATER

Occupation	Employment 1988	Employment 2000	Net Change	Projected Average Annual Job Openings: Due to Growth	Due to Separation	Due to Transfers	Total
Guards and watch guards	4,720	5,800	1,080	80	340	660	1,080
Hosts and hostesses: restaurant, lounge	760	1,030	260	20	30	130	180
Bartenders	1,530	1,910	380	30	60	290	380
Waiters and waitresses	8,340	11,300	2,960	230	160	1,450	1,840
Dining room and bartender helpers	1,600	2,140	540	40	30	260	330
Bakers, bread and pastry	910	1,230	320	20	60	150	230
Cooks, restaurant	2,540	3,470	930	70	160	400	630
Cooks, institution or cafeteria	4,710	4,790	80	10	260	630	890
Cooks, fast food and short order	5,630	7,180	1,550	120	330	850	1,300
Food preparation workers	5,020	5,950	930	70	190	720	990
Food counter, fountain and related	9,100	11,450	2,350	180	220	1,360	1,760
Nursing aides and orderlies	10,720	11,180	460	40	420	800	1,260
Psychiatric aides	1,410	1,370	(40)	0	50	100	150
Janitors, cleaners, maids	17,670	18,920	1,250	100	1,110	1,410	2,610
Hairdressers and cosmetologists	3,870	4,250	370	30	140	40	210
Child care workers	2,620	2,670	50	0	130	190	320
AGRICULTURE, FORESTRY, FISHING	13,660	15,120	1,450	110	890	900	1,890
Farm workers	5,410	5,480	70	10	410	250	660
Gardeners and groundskeepers	4,720	5,520	800	60	280	390	730
PRODUCTION, OPERATION, AND MAINTENANCE OCCUPATIONS	202,350	215,580	13,220	960	4,630	16,270	21,860
Inspectors and related occupations	2,910	3,010	100	10	100	190	290
Industrial machinery mechanics	5,950	6,540	590	50	150	470	660
Maintenance repairers, general utilit	9,060	10,110	1,050	80	220	670	970
Automotive mechanics	5,030	5,160	130	10	110	450	580
Bus, truck, diesel engine mechanic	2,610	2,820	200	20	40	200	260
Mobile heavy equipment mechanics	1,520	1,630	110	10	50	120	170
Carpenters	6,530	7,620	1,090	80	200	540	820
Electricians	4,430	4,950	520	40	90	290	420
Painters and paperhangers	1,660	1,940	280	20	60	110	200
Plumber, pipefitter, steamfitter	2,230	2,580	360	30	70	100	200
Carpet installers	1,170	1,360	190	10	10	200	230
Machinists	1,990	2,060	70	10	60	160	220
Butchers and meatcutters	1,440	1,410	30	0	30	190	220
Sewing machine operator, garment	2,510	2,740	220	20	80	90	180
Laundry, drycleaning machine operator	1,310	1,330	20	0	60	140	200
Welders and cutters	3,480	3,930	450	30	70	370	480
Chemical plant and system operator	1,770	1,460	320	(20)	40	150	170
Truck drivers	18,520	20,630	2,110	160	0	0	160
Bus drivers, school	3,460	3,450	10*	0	110	330	440
Driver/sales workers	2,000	1,880	120	(10)	50	140	180
Rail transportation workers	2,220	2,220	10	0	70	180	250
Service station attendants	2,500	3,100	600	50	70	490	610
Grader, dozer, scraper operators	2,120	2,270	150	10	50	130	190
Industrial truck and tractor operator	3,030	2,000	1,020	(80)	50	340	310
Construction trades helpers	3,230	3,650	420	30	20	440	490
Machine feeders and offbearers	1,090	1,160	80	10	20	150	170
Refuse collectors	1,130	1,150	30	0	20	150	170
Freight and material movers, hand	4,230	4,030	200	(20)	70	550	600
Hand packers and packagers	1,350	1,440	90	10	30	120	160
Vehicle, equipment cleaners	1,090	1,200	110	10	10	150	170

Note 1. Job openings may not necessarily add to totals due to rounding. Do not include farm occupations. Job openings are due to both growth and permanent separations, including transfers.

2. Selected occupations listed in parenthesis indicate employment of 50 or more in 1988, with a zero or less projected employment showing static and declining occupations.

3. Gross separation data identify those workers who leave an occupation and who must be replaced if the employment level is to be maintained. The occupational separation rate is the percentage of individuals previously not employed in that same occupation a year later. The rate is a combination of separations due to death and retirement and separations due to permanent occupational transfers. Occupational transfers occur if individuals remain employed, but in a different occupation. The separation rate is applied to the total employment for an occupation to determine the number of employees needed to replace those who have separated due to death, retirement, or permanent transfer to another occupation.

Source: West Virginia Occupational Projections System 1988-2000, West Virginia Division of Employment Security, Labor and Economic Research Section.

Table 30-A

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR OCCUPATIONAL GROUP
SHOWING STATIC AND DECLINING OCCUPATIONS

Occupation	Employment		Net Change	Projected Average Annual Job Openings			
	1988	2000		Due to Growth	Due to Separation	Due to Transfers	Total
TOTAL, ALL OCCUPATIONS	667,200	731,440	64,240	4,810	23,310	55,100	83,220
MANAGERIAL AND MANAGEMENT RELATED OCCUPATIONS	44,880	51,730	6,850	520	1,920	2,770	5,210
Personnel, training, and labor relations mngers	640	740	100	10	20	40	70
Purchasing mangagers	1,370	1,400	30	0	60	80	140
Postmasters, mail superintendents	1,010	1,040	30	0	80	60	140
Education administrators	2,600	2,600	0	0	80	160	240
Property and real estate managers and administators	230	270	40	0	30	10	40
Public administration chief executives, legislative, and general administration	810	810	10	0	0	50	50
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	121,950	134,620	12,670	940	3,720	5,850	10,510
Underwriters	200	250	50	0	0	20	20
Loan officers and counselors	410	500	100	10	20	50	70
Wholesale and retail buyers, except farm products	1,150	1,090	60	0	70	80	140
Purchasing agents, except wholesale, retail, and farm products	700	720	20	0	30	30	60
Employment interviewers	310	330	20	0	10	30	40
Personnel, training, and labor relations specialists	1,320	1,420	100	10	40	120	170
Cost estimators	670	810	140	10	20	60	90
Management analysts	150	160	10	0	10	20	30
Construction and building inspectors	340	330	-10	0	10	20	30
Compliance and enforcement inspectors except construction	1,300	1,310	10	0	50	100	150
Tax examiners, collectors, and revenue agents	580	630	50	0	20	30	60
Claims examiners, property and casulty insurance	60	80	20	0	0	10	10
Mining engineers, including mine safety engineers	290	340	50	0	10	20	30
Petroleum engineers	100	130	20	0	0	10	10
Civil engineers, including traffic engineers	910	1,010	100	10	30	30	60
Industrial engineers, except safety engineers	260	360	110	10	10	30	40
Architects, excluding land and marine	220	240	20	0	0	10	20
Drafters	1,580	1,490	-90	-10	30	130	150
Chemists, except biochemists	970	1,040	70	10	40	40	90
Geologist, geophysicist, and oceanographers	230	270	40	0	10	10	20
Foresters, and conservation scientist	160	170	10	0	10	10	10
Agricultural and food scientists	140	160	20	0	10	10	10
Biological scientists	240	270	30	0	0	10	10
Economists, and market analysts	50	50	0	0	0	0	0
Urban and regional planners	180	210	30	0	0	10	10
Psychologists	660	690	30	0	10	30	40
Social service technicians	750	810	70	10	20	70	100
Recreation workers	600	610	20	0	40	30	70
Clergy	420	480	60	0	20	10	30
Directors, religious activities and education	90	90	0	0	10	0	10
Judges, magistrates, and adjudicators	260	280	30	0	40	10	50
College and university faculty	6,460	6,400	-60	0	180	630	800
Teachers, preschool, kindergarten, and elementary	11,620	11,600	-20	0	620	460	1,090
Teachers, secondary school	9,160	9,110	-50	0	180	420	600
Teachers, vocational education	3,000	3,000	0	0	160	120	280
Instructors, adult (nonvocational) education	620	680	60	0	40	30	70
Farm and home management advisors	490	470	-10	0	30	40	60
Librarians, professional	840	850	10	0	50	40	90
Technical assistants, library	470	460	-10	0	20	40	70
Curators, archivists, museum technicians and restorers	60	60	0	0	0	0	0
Vocational & educational counselors	980	1,000	20	0	30	80	100

Table 30-A

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR OCCUPATIONAL GROUP
SHOWING STATIC AND DECLINING OCCUPATIONS

Occupation	Employment 1988	Employment 2000	Net Change	Projected Average Annual Job Openings: Due to Growth	Due to Separation	Due to Transfers	Total
Physicians and surgeons	3,270	3,260	-20	0	200	20	210
Dentists	890	880	-20	0	60	20	70
Optometrists	300	220	-80	-10	10	10	10
Veterinarians and veterinary inspectors	130	180	50	0	0	0	0
Respiratory therapists	300	380	80	10	0	20	30
Speech pathologists, and audiologists	80	90	10	0	0	10	10
Recreation therapists	220	240	20	0	0	10	20
Emergency medical technicians	860	930	70	10	20	30	50
Physician assistants	410	440	40	0	10	10	20
Opticians, dispensing and measuring	530	500	-40	0	20	40	50
Dietitians and nutritionists	190	220	30	0	10	10	20
Dietetic technicians	100	110	0	0	10	0	10
Dental hygienists	500	630	140	10	10	20	40
Nuclear medicine technologists	90	100	20	0	0	0	10
Electroencephalograph technicians	110	140	40	0	0	0	10
Electrocardiograph technicians	120	140	10	0	0	0	10
Surgical technicians	290	390	100	10	10	10	20
Writers, editors, including technical writers	630	720	90	10	20	50	80
Public relations specialists	210	260	50	0	10	20	30
Radio and TV announcers and newscasters	720	750	40	0	20	60	80
Reporters and correspondents	430	480	50	0	10	40	50
Photographers	420	450	30	0	20	30	50
Broadcast technicians	200	200	0	0	10	20	30
Artists and related workers	370	390	30	0	10	30	40
Musicians	170	210	40	0	10	10	20
Producers, directors, actors, and entertainers	50	50	10	0	0	0	10
Air traffic controllers	160	170	10	0	0	20	20
SALES AND RELATED OCCUPATIONS	70,200	82,930	12,730	970	3,420	7,710	12,110
Brokers, real estate	180	210	30	0	20	20	40
Sales agents, real estate	800	920	120	10	70	100	180
Real estate appraisers	90	100	10	0	10	10	20
Securities and financial services sales workers	500	610	120	10	30	10	50
Travel agents	250	280	30	0	10	20	40
Counter and rental clerks	570	650	90	10	30	70	100
CLERICAL AND ADMINISTRATION SUPPORT OCCUPATIONS	102,550	103,010	460	30	3,030	9,960	13,030
New accounts clerks	590	670	80	10	10	80	100
Credit authorizers	80	50	-20	0	0	10	10
Credit checkers	250	260	10	0	10	30	30
Loan and credit clerks	840	970	130	10	30	100	140
Adjustment clerks	560	620	50	0	10	60	80
Brokerage clerks	60	70	10	0	0	10	10
Insurance adjusters, examiners, and investigators	310	390	80	10	10	40	50
Insurance claims clerks	510	510	0	0	10	30	40
Insurance policy processing clerks	500	440	-60	0	10	50	60
Welfare eligibility workers and interviewers	720	740	30	0	10	80	90
Bill and account collectors	490	600	110	10	10	60	80
Court clerks	170	190	20	0	10	20	20
Municipal clerks	100	100	0	0	0	10	10
Reservation and transportion ticket agents and travel clerks	260	280	20	0	10	20	30
Library assistants and bookmobile drivers	390	380	-10	0	10	50	60
Teacher aides and education assistants	3,700	3,750	50	0	170	400	570
Advertising clerks	70	90	20	0	0	10	10
Real estate clerks	90	110	20	0	0	10	20
Secretaries	18,320	18,520	200	20	480	1,220	1,710
Stenographers	760	510	-250	-20	20	50	50
Typists and word processors	3,110	2,240	-870	-70	30	290	250
Personnel clerks, except payroll and timekeeping	610	600	-10	0	10	60	70
File clerks	1,420	1,270	-150	-10	50	90	120
Order clerks: materials, service	1,010	940	-70	-10	40	130	160
Procurement clerks	180	170	-10	0	0	10	10

Table 30-A

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR OCCUPATIONAL GROUP
SHOWING STATIC AND DECLINING OCCUPATIONS

Occupation	Employment		Net Change	Projected Average Annual Job Openings			
	1988	2000		Due to Growth	Due to Separation	Due to Transfers	Total
Statistical clerks	350	240	-110	-10	10	30	30
Interviewing clerks, except personnel and social welfare	540	650	110	10	10	70	80
Customer service representatives, utilities	560	680	120	10	20	70	100
Bookkeeping and accounting clerks	10,680	10,260	-430	-30	470	710	1,150
Payroll and timekeeping clerks	1,310	1,050	-260	-20	30	90	100
Billing, cost, and rate clerks	1,930	1,790	-140	-10	40	200	230
Billing, posting and calculating machine operators	580	540	-40	0	0	70	70
Peripheral EDP equipment operators	170	220	60	0	10	30	40
Data entry keyers, except composing	1,580	1,120	-460	-40	10	190	160
Data entry keyers, composing	60	80	20	0	0	10	10
Switchboard operators	1,420	1,470	50	0	40	160	200
Directory assistance operators	180	250	60	0	10	20	30
Central office operators	50	70	20	0	0	10	10
Mail clerks, except mail machine	540	540	0	0	20	20	40
Postal mail carriers	1,330	1,370	40	0	60	20	80
Postal service clerks	570	570	0	0	20	20	40
Messengers	170	160	-10	0	0	10	10
Dispatchers: Police, fire, and ambulance	610	620	10	0	10	90	100
Dispatchers: Except police, fire, and ambulance	760	870	110	10	20	110	140
Production, planning, and expediting clerks	760	860	90	10	30	70	110
Meter readers, utilities	540	460	-80	-10	10	50	60
Weighers, measurers, checkers, and samplers, recordkeeping	270	260	-10	0	10	30	40
Stock clerks: stockroom or warehouse, or yard	4,070	3,670	-400	-30	70	560	600
Order fillers, wholesale and retail sales	1,480	1,370	-110	-10	30	190	210
Traffic, shipping, and receiving clerks	2,590	2,620	30	0	80	350	430
SERVICE OCCUPATIONS	111,640	128,450	16,850	1,280	5,700	11,640	18,610
Fire fighting and fire prevention supervisors	190	200	10	0	20	0	30
Police and detective supervisors	430	460	30	0	10	10	20
Housekeepers, institutional	750	850	90	10	110	80	200
Cooks, private household	240	260	20	0	20	10	40
Housekeepers and butlers, private household	420	460	40	0	60	20	80
Child care workers, private household	1,990	1,850	-140	-10	230	240	420
Fire fighters	910	960	30	0	20	10	30
Police detectives and investigators	210	230	10	0	0	10	10
Police patrol officers	1,460	1,490	40	0	20	50	60
Correction officers and jailers	550	640	90	10	30	80	110
Crossing guards	230	220	-10	0	10	30	40
Cooks, institution or cafeteria	4,710	4,790	80	10	260	630	890
Home health aides	460	550	100	10	40	40	90
Psychiatric aides	1,410	1,370	-40	0	50	100	150
Physical and corrective therapy assistants and aides	210	280	70	10	10	10	20
Occupational therapy assistants	60	80	20	0	0	0	10
Ambulance drivers and attendants, except EMTs	120	130	10	0	0	10	10
Pest controllers and assistants	340	350	20	0	20	40	60
Barbers	360	410	50	0	50	0	50
Manicurists	60	80	20	0	0	0	0
Amusement and recreation attendants	690	720	30	0	20	120	140
Ushers, lobby attendants, and ticket takers	240	260	20	0	0	40	50
Baggage porters and bellhops	170	190	20	0	10	20	30
Social welfare service aides	280	330	50	0	20	30	60
Child care workers	2,620	2,670	50	0	130	190	320
FARMING, FORESTRY, FISHING, AND AND RELATED OCCUPATIONS	15,660	15,120	1,450	110	890	900	1,850
Farmers	160	190	30	0	30	0	30
Farm managers	410	460	60	0	20	10	40
Fallers and buckers	380	480	90	10	20	50	80
Log handling equipment operators	290	380	90	10	20	20	40

Table 30-A

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR OCCUPATIONAL GROUP
SHOWING STATIC AND DECLINING OCCUPATIONS

Occupation	Employment		Net Change	Projected Average Annual Job Openings			
	1988	2000		Due to Growth	Due to Separation	Due to Transfers	Total
Logging tractor operators	210	270	60	0	10	10	20
Farm workers	5,410	5,480	70	10	410	250	660
Forest and conservation workers	70	80	0	0	0	10	10
Nursery workers	160	180	30	0	10	10	20
Animal caretakers, except farm	520	580	70	10	20	40	60
PRODUCTION, OPERATION, AND MAINTENANCE OCCUPATIONS	202,350	215,580	11,220	960	4,630	16,270	21,860
Inspectors and related occupations	2,910	3,010	100	10	100	190	290
Automotive mechanics	5,030	5,160	130	10	110	450	580
Automotive body and related repairers	1,190	1,200	10	0	20	60	80
Motorcycle repairers	90	90	0	0	10	10	10
Mobile heavy equipment mechanics, except engines, and rail car repairs	1,520	1,630	110	10	50	120	170
Rail car repairers	320	340	20	0	10	20	30
Farm equipment mechanics	160	130	-30	0	0	10	10
Aircraft mechanics	70	80	10	0	0	10	10
Small engine specialists	210	230	20	0	10	20	30
Central office and PBX installers and repairers	580	710	130	10	20	50	80
Frame wirers, central office	50	60	10	0	0	0	10
Signal or track switch maintainers	110	100	-10	0	0	10	10
Telephone and cable TV line installers and repairers	1,230	1,290	60	0	10	90	110
Data processing equipment repairers	210	270	70	10	0	20	30
Home entertainment equipment repairer	290	290	-10	0	10	20	30
Home appliance and power tool repairers	560	560	0	0	10	40	60
Electrical installer, and electronic motor repairers	500	570	70	10	10	40	60
Electrical powerline installers and repairers	1,100	1,190	90	10	20	80	110
Telephone station installer and repairers	370	400	30	0	10	30	40
Precision instrument repairers	530	580	50	0	80	40	120
Electric meter installers and repairers	100	110	0	0	10	10	20
Watchmakers	90	90	-10	0	10	10	20
Musical instrument repairers and tuners	70	60	-10	0	10	0	10
Office machine and cash register servicer	440	460	20	0	10	20	30
Riggers	280	300	30	0	10	40	50
Coin and vender machine servicers and repairers	70	80	0	0	0	10	10
Tire repairers and changers	650	700	50	0	20	90	110
Ceiling tile installers	170	210	40	0	10	30	40
Drywall installers and finishers	250	310	60	0	0	0	10
Hard tile setters	70	80	20	0	10	10	20
Bricklayers and stone masons	670	790	120	10	10	50	70
Concrete and terrazzo finishers	280	350	70	10	10	20	40
Plasterers and stucco masons	50	50	10	0	0	0	10
Structural and reinforcing metal workers	530	650	130	10	10	80	110
Pipelayers and pipelaying fitters	390	430	40	0	10	20	30
Paving, surfacing, and tamping equipment operators	150	170	20	0	0	20	20
Highway maintenance workers	920	930	10	0	20	110	120
Insulation workers	420	510	90	10	10	50	60
Glaziers	210	230	20	0	10	10	10
Roustabouts	750	700	-50	0	10	140	140
Derrick, rotary drill, and service operators	660	710	50	0	10	130	140
Mining quarrying and tunneling occupations	3,880	3,850	-20	0	50	720	770
Tool and die makers	310	390	70	10	10	0	20
Machinists	1,990	2,060	70	10	60	160	220
Jewelers and silversmiths	130	140	10	0	10	10	20
Boilermakers	60	70	10	0	0	0	10
Custom tailors and sewers	660	680	30	0	80	30	110
Upholsterers	210	220	10	0	10	20	20
Shoe and leather workers and repairers, precision	180	240	50	0	10	20	30
Precision compositors and typesetters	170	120	-40	0	0	10	10
Job printers	70	80	10	0	0	10	10

Table 30-A

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR OCCUPATIONAL GROUP
SHOWING STATIC AND DECLINING OCCUPATIONS

Occupation	Employment		Net Change	Projected Average Annual Job Openings			
	1988	2000		Due to Growth	Due to Separation	Due to Transfers	Total
Precision lithographers and photoengravers	60	70	10	0	0	10	10
Butchers and meatcutters	1,440	1,410	-30	0	30	190	220
Bakers, manufacturing	190	210	20	0	10	0	10
Optical goods workers	220	250	30	0	10	10	20
Dental laboratory technicians	390	450	60	0	10	10	30
Lathe turning machine setters and operators, metal and plastic	180	190	10	0	10	20	20
Drilling and boring set-up operators, metal and plastic	80	90	10	0	0	10	10
Grinding and buffing machine set-up operators, metal and plastic	190	200	10	0	0	20	20
Machine tool cutting operators, metal and plastic	380	400	20	0	10	30	40
Punching machine setter and operator, metal and plastic	90	90	10	0	0	10	10
Machine forming operators, metal and plastic	410	430	20	0	10	40	50
Numerical control machine tool operators, metal and plastic	80	100	20	0	0	10	10
Combination machine tool set-up operators, metal and plastic	170	220	50	0	0	20	30
Structural metal fabricators	160	180	30	0	0	20	20
Welding machine setters, operators, and tenders	430	480	50	0	10	50	60
Metal molding machine operators, tenders, and setters	70	80	10	0	0	10	10
Electrolytic plating machine operators	140	140	-10	0	0	20	20
Furnace operators and tenders	1,590	1,670	80	10	40	90	140
Plastic molding and casting operators	210	240	30	0	10	20	30
Woodworking machine operators	220	290	70	10	10	30	40
Offset lithographic press setter	350	420	80	10	10	30	50
Letterpress setter and set-up operators	70	60	-10	0	0	10	10
Bindery machine operators, setters, and tenders	100	120	20	0	0	10	10
Typesetting machine operators and tenders	160	140	-20	0	0	10	20
Printing press machine operators, setters, and tenders	270	310	40	0	10	20	30
Textile machine setters and set-up operators	50	60	10	0	0	10	10
Extruding machine operators, synthetic or glass fibers	140	150	20	0	0	10	20
Textile draw-out and winding machine operators and setters	130	110	-10	0	0	10	10
Sewing machine operators, nongarment	530	570	40	0	20	20	40
Shoe sewing machine operators	110	130	20	0	0	10	20
Laundry, dry cleaning machine operators	1,310	1,330	20	0	60	140	200
Pressing machine operators, textiles	450	490	40	0	20	20	40
Motion picture projectionists	50	60	0	0	10	0	10
Photographic processing machine operators	80	80	0	0	0	10	10
Paper goods machine setters and operators	220	250	30	0	10	20	30
Furnace, kiln, oven, or kettle operators	540	530	-10	0	20	30	50
Low pressure boiler operators	290	330	30	0	10	20	30
Chemical equipment tenders	860	710	-150	-10	20	70	80
Cutting and slicing machine setters and operators	350	390	40	0	10	40	50
Cementing and gluing machine operators	160	170	10	0	0	10	20
Extruding machine operators	610	690	80	10	20	50	80
Separating and filtering machine operators	230	220	-10	0	10	20	30
Crushing and mixing machine operators	970	1,010	40	0	30	80	120
Extruding and forming machine setters and operators	710	680	-20	0	10	70	80
Packaging and filling machine operators	1,260	1,330	70	10	30	100	140

Table 30-A

WEST VIRGINIA OCCUPATIONAL PROJECTIONS 1988-2000
BY MAJOR OCCUPATIONAL GROUP
SHOWING STATIC AND DECLINING OCCUPATIONS

Occupation	Employment		Net Change	Projected Average Annual Job Openings			
	1988	2000		Due to Growth	Due to Separation	Due to Transfers	Total
Aircraft structure assemblers	100	120	10	0	0	10	10
Machine builders	150	190	40	0	0	10	20
Structural metal fitters	60	60	10	0	0	10	10
Electrical and electronic assemblers	140	150	10	0	10	20	20
Machine assemblers	90	100	10	0	0	10	10
Electrical and electronic equipment assemblers	160	80	-80	-10	0	10	10
Coil, winder, taper, and finishers	20	20	0	0	0	0	0
Solderers and brazers	20	20	0	0	0	0	0
Pressers, hand	120	130	10	0	0	0	10
Sewers, hand	80	90	0	0	10	0	10
Cutters and trimmers, hand	310	340	30	0	0	30	40
Meat, poultry, and fish cutters	530	560	30	0	0	60	70
Metal pourers, basic shapes	80	90	0	0	0	10	10
Painting and coating, hand	150	150	10	0	10	20	20
Grinding and polishing, hand	420	390	-30	0	40	50	80
Water and waste treatment plant operators	1,050	1,080	40	0	40	50	100
Chemical plant and system operators	1,770	1,460	-320	-20	40	150	170
Gas and petroleum plant and system occupations	200	170	-30	0	10	10	10
Power distributors and dispatchers	110	110	10	0	0	10	10
Stationary engineers	250	250	0	0	10	20	20
Power generating and reactor plant operators	280	290	10	0	10	10	20
Bus drivers	710	800	90	10	20	70	100
Bus drivers, school	3,460	3,450	-10	0	110	330	440
Taxi drivers and chauffeurs	290	340	50	0	20	20	50
Driver/sales workers	2,000	1,880	-120	-10	50	140	180
Railroad conductors and yardmasters	390	390	10	0	20	20	40
Locomotive engineers	160	170	0	0	10	10	20
Rail yard engineers and dinkey operators	530	530	0	0	20	40	60
Railroad brake, signal, and switch operators	840	860	20	0	20	80	100
Mates and able seamen	370	390	20	0	10	30	40
Motor ship, boat, and barge	80	90	0	0	0	10	10
Captains and pilots, ship	190	200	10	0	10	10	20
Ship engineers	50	60	0	0	10	0	10
Aircraft pilots and flight engineers	140	160	20	0	0	10	20
Excavation and loading machine operators	1,400	1,500	100	10	20	80	110
Hoist and winch operators	550	560	0	0	10	90	90
Crane and tower operators	570	630	60	0	20	60	80
Industrial truck and tractor operators	3,030	2,000	-1020	-80	50	140	110
Operating engineers	1,050	1,170	120	10	20	70	100
Machine feeders and offbearers	1,090	1,160	80	10	20	150	170
Refuse collectors	1,130	1,150	30	0	20	150	170
Freight and material movers, hand	4,230	4,030	200	-20	70	550	600
Hand packers and packagers	1,350	1,440	90	10	30	120	160
Vehicle washers and equipment cleaners	1,090	1,200	110	10	10	150	170

Note 1. Job openings may not necessarily add to totals due to rounding. Do not include farm occupations. Job openings are due to both growth and permanent separations, including transfers.

2. Selected occupations listed indicate employment of 50 or more in 1988, with average annual job openings due to growth of ten or less, and/or with zero or less projected employment showing static and declining occupations.

3. The annual average openings numbers are a total of job openings due to growth, separations, from the labor force, and transfers between occupations. Most job openings occur due to transfers as employers require replacements for those who have moved into other occupations.

Source: West Virginia Occupational Projections System 1988-2000, West Virginia Department of Employment Security, Labor and Economic Research Section.

Table 31

UNITED STATES
OCCUPATIONS WITH LARGEST JOB GROWTH
1986-2000

Occupation	Change In Total Employment (In Thousands)	Percent Change	Percent of Total Job Growth
Sales Worker, Retail	1,201	34.0	5.6
Waiters and Waitresses	752	44.0	3.5
Registered Nurses	612	44.0	2.9
Janitors and Cleaners	604	23.0	2.8
General Managers and Top Executives	582	24.0	2.7
Cashiers	575	27.0	2.7
Truckdrivers	525	24.0	2.5
General Office Clerks	462	20.0	2.2
Food Counter and Related	449	30.0	2.1
Nursing Aides, Orderlies and Attendants	433	35.0	2.0
Secretaries	424	13.0	2.0
Guards	383	48.0	1.8
Accountants and Auditors	376	40.0	1.8
Computer Programmers	335	70.0	1.6
Food Preparation Workers	324	34.0	1.5
Teachers, Kindergarten and Elementary	299	20.0	1.4
Receptionists and Information Clerks	282	41.0	1.3
Computer Systems Analysts	251	76.0	1.2
Cooks, Restaurant	240	46.0	1.1
Licensed Practical Nurses	238	38.0	1.1
Gardeners and Groundskeepers	238	31.0	1.1
Maintenance Repairers, General Utility	232	22.0	1.1
Stock Clerks, Sales Floor	225	21.0	1.1
Clerical Supervisors and Managers	205	21.0	1.0
Dining Room Attendants and Related Workers	197	26.0	0.9
Electrical and Electronics Engineers	192	48.0	0.9
Lawyers	191	36.0	0.9

Note: Includes only detailed occupations with 1986 employment of 25,000 or more. Data for 2000 are based on moderate-trend projections.

Source: Occupational Outlook Quarterly, Fall 1987; U.S. Department of Labor, Bureau of Labor Statistics.

Table 31-A

UNITED STATES
TWENTY FASTEST GROWING OCCUPATIONS
1986 - 2000

Occupation	Percent Growth in Employment
Paralegal Personnel	104.0
Medical Assistants	90.0
Physical Therapists	87.0
Therapy Assistants and Aides	82.0
Data Processing Equipment Repairers	80.0
Home Health Aides	80.0
Podiatrists	77.0
Computer Systems Analysts	76.0
Medical Records Technicians	75.0
Employment Interviewers	71.0
Computer Programmers	70.0
Radiologic Technologists and Technicians	65.0
Dental Hygienists	63.0
Dental Assistants	57.0
Physician Assistants	57.0
Operations and Systems Researchers	54.0
Occupational Therapists	52.0
Peripheral Electronic Data Processing Equipment Operators	51.0
Data Entry Keyers, Composing	51.0
Optometrists	49.0

Note: Includes only detailed occupations with 1986 employment of 25,000 or more. Data for 2000 are based on moderate-trend projections. The Bureau of Labor Statistics defines an increase of 31 percent or more a much faster than average rate of growth. An increase of 11 to 19 percent is considered as fast as the average.

Source: Occupational Outlook Quarterly Fall 1987, U. S. Department of Labor, Bureau of Labor Statistics.

Table 31-B

UNITED STATES
TWENTY MOST RAPIDLY DECLINING OCCUPATIONS
1986 - 2000

Occupation	Percent Decline In Employment
Electrical and Electronic Assemblers	54.0
Electronic Semiconductor Processors	51.0
Railroad Conductors and Yardmasters	41.0
Railroad Brake System and Switch Operators	40.0
Gas and Petroleum Plant and System Occupations	34.0
Industrial Truck and Tractor Operators	34.0
Shoe Sewing-Machine Operators and Tenders	32.0
Station Installers & Repairers, Telephone	32.0
Chemical Equipment Controllers, Operators, and Tenders	30.0
Chemical Plant and System Operators	30.0
Stenographers	28.0
Farmers	28.0
Statistical Clerks	26.0
Textile Draw-out and Winding Machine Operators	25.0
Central Office and PBX Installers and Repairers	23.0
Farm Workers	20.0
Coil Winders, Tapers, and Installers	19.0
Central Office Operators	18.0
Directory Assistance Operators	18.0
Compositors, Typesetters, and Arrangers, Precision	17.0

Note: Includes only detailed occupations with 1986 employment of 25,000 or more. Data for 2000 are based on moderate-trend projections. The Bureau of Labor Statistics defines a decrease of 4 percent or more to depict declining occupations.

Source: Occupational Outlook Quarterly, Fall 1987, U. S. Department of Labor, Bureau of Labor Statistics.

TECHNICAL AND EXPLANATORY NOTES

Applicant data summarized in the tables contained in this report pertain only to persons seeking employment through Employment Security Job Service offices. These data can serve as guidelines for available labor supply, but they do not consider applicants who seek employment through union halls, personal referrals, newspapers, or other methods.

Job openings summarized in the tables contained in this report pertain only to requests by employers for assistance from Employment Security Job Service offices in referring applicants to job openings. These data can serve as guidelines for labor demand, but they do not take into consideration vacancies filled through outside sources such as union halls, personal referrals, and newspaper advertising.

Hard-to-fill job openings are those which have remained unfilled for a month or more. Some openings may be difficult to fill because of the job environment, wage scales, or lack of qualified workers.

The Hours and Earnings Series is drawn from an average sample of full- and part-time production workers, as well as coal production workers who were employed during the pay period including the 12th of the month. These averages are computed on a gross basis and reflect such factors as premium pay for overtime, shift differentials, incentive rates, and changes in basic hourly rates.

The narrative, tables and projections in this publication were prepared or compiled by the Labor and Economic Research Section of the West Virginia Division of Employment Security by John S. Shackelford and Patricia G. Watson. They may be contacted by calling 348-2660.

When you need workers, contact your local Job Service:

Beckley	300 Valley Drive, S	256-6792	Morgantown	304 Scott Avenue	285-3120
Bluefield	5 Mercer Plaza	327-7155	New Martinsville	249 Clark Street	455-2280
Charleston	1321 Plaza East	348-0342	Parkersburg	36th St at Murdoch Av	420-4525
Clarksburg	153 W Main Street	627-2125	Point Pleasant	225 Sixth Street	675-2770
Elkins	7-11 Randolph Avenue	636-1810	Ronceverte	299 E Edgar Avenue	647-7415
Fairmont	109 Adams Street	363-5550	Summersville	806 Broad Street	872-2950
Huntington	914 Fifth Avenue	528-5525	Weirton	203 Three Springs Drive	748-8500
Logan	195 Dingess Street	792-7010	Welch	20 Elkhorn Street	436-3131
Martinsburg	617 W King Street	267-0030	Wheeling	22 Tenth Street	238-1045
			Williamson	120 W First Avenue	235-4090

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